

# Storm Data and Unusual Weather Phenomena

March 1994

March 1994								
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage Property Crops	Character of Storm
ALABAMA								
Marengo County Demopolis	09	1300CST			0	0	4 0	Thunderstorm Winds
One house sustained minor damage and a number of trees were downed in Demopolis. Power lines down in the Linden area caused power outages for about two hours.								
Dallas County Selma	09	1430CST			0	0	4 0	Thunderstorm Winds
Wind with a thunderstorm took 150 square feet of roof from a building at the Selma Flea Market.								
Coffee County 2 E Frisco	09	1755CST	3.0	100	0	0	5 4	Tornado (F2)
A tornado touched down about two miles east of Frisco in the New Hope Community causing extensive damage. Five homes and two mobile homes were damaged; one chicken house was destroyed and five others were damaged. Two houses had the roofs blown completely off.								
Winston County Haleyville	23	Afternoon			0	0	3 0	Lightning
Lightning literally exploded a tree on Cherry Hill Road near Haleyville, but causing damage to a number of stoves and refrigerators.								
Marion County	24	1347CST			?	?	? ?	Hail (1.75)
Golf ball-size hail was reported by Alabama State Troopers between Hamilton and Guin on U.S. Highway 78.								
Marion County	24	1415CST			0	0	4 0	Thunderstorm Winds
About two miles north of Winfield near County 63 and 129, two mobile homes were destroyed and a third was turned over. Trees and power lines were down in the area including major damage to a house six miles north of Winfield when trees fell on it.								
Bibb County 2 E Pondville Brent	24	1410CST			0	0	4 4	Thunderstorm Winds
	24	1425CST			0	2	5 4	Thunderstorm Winds
A mobile home in the Brent area was destroyed by thunderstorm wind. Two barns in the Ridgeville community, about two miles southwest of Brent, had roof damage and a number of trees were blown down in the area.								
Marshall County Boaz	24	1637CST			0	0	3 0	Lightning
Lightning struck a home on McVile Road causing damage to the aluminum siding and to the homes electrical system.								
Walker County Jasper	24	1715CST			0	0	3 0	Lightning
Lightning struck an office on Airport Road causing a small fire which took about 30 minutes to extinguish.								
Chambers County 17 SW Lafayette 5 SSE Lafayette	24	1804CST- 1820CST	12	100	0	0	5 4	Tornado (F1)
A barn was demolished, a roof blown off a porch, damage to two houses, and numerous trees blown down in Chambers County. The damage occurred in an area running west to east south of Highway 50 from about three miles east of the Highway 50/county line to the Chambers County Public Lake.								
Tallapoosa County	24	?			0	0	3 0	Lightning Heavy rain
Lightning struck the number one electrical transformer bank at the Sugar Creek Waste Water Treatment Plant. Alexander City also received more than five inches of rain which was reported								

**ALABAMA Cont'd**

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									as the heaviest rain since June 1989.
Coosa County	24	?			0	0	5	0	Thunderstorm Winds
									A house fire in the Rockford area was attributed to lightning.
Mobile County Semmes Area	25	0200CST			0	0	5	0	Thunderstorm Winds
Eight Mile	25	0210CST			0	0	4	0	Thunderstorm Winds
									Trees were blown down and minor roof damage was caused by thunderstorms moving across the northern portion of Mobile County in the area of the Semmes Community. One person reported hail with the thunderstorms, but no size was available.
Washington County	25	0203CST			0	0	?	?	Thunderstorm Winds
									Trees were reported blown down in southern Washington County along Boyd Jones Road.
Baldwin County Daphne	25	0250CST			0	0	0	0	Hail (0.88)
									A five-minute duration of nickel-size hail was reported by the Daphne Police Department.
									There was a significant outbreak of severe weather across north and central Alabama on Palm Sunday, March 27, 1994. The severe weather began in the morning around 0900 CST and continued throughout the day and into the nighttime hours. The weather affected Alabama in waves with four waves of weather moving through the state. In trying to unravel the events of the day after the fact, there is a great deal of confusion and uncertainty about the times of many events. This stems from the fact that these waves of severe weather moved over many of the same counties three or four times. Every attempt has been made to get this information as correct as possible. It is also possible that some smaller events may not have been reported since there was so much attention drawn to the three major tornado events in Dekalb, St. Clair, Calhoun, Cherokee, and Shelby Counties.
Marshall County Arab	27				?	?	?	?	Heavy Rain
									Rainfall was reported to have totalled 6.3 inches for the day in Arab in southern Marshall County.
Cullman County Hanceville	27				?	?	?	?	Heavy Rain
									Rainfall for the day totalled four inches according to the weather observer in Hanceville in the southeastern part of Cullman County.
Fayette and Lamar Counties	27				?	?	4	?	Heavy Rain
									Four inches of rain coming from prolonged moderate rain as well as embedded thunderstorms over these counties caused some damage to culverts on a number of county roads.
Jackson County	27				?	?	?	?	Heavy Rain
									Heavy rain from prolonged moderate rain and embedded thunderstorms caused some flooding along several county roads. Among those closed for a time late Sunday were county roads 96, 53, and 91 in the Stevenson area of northern Jackson County. Alabama Highway 117 was closed for much of the day Monday the 28th due to a mud slide near the top of Sand Mountain.
St. Clair, Calhoun and Cherokee Counties	27	1055CST-1152CST	50.0	880	22	150	8	7	Tornado (F4)
1 SSW Ragland to 5 NE Rock Run									A tornado began about one mile south-southwest of Ragland in St. Clair County at 1055 CST and traveled northeast at between 45 and 55 miles an hour crossing the Alabama/Georgia border about five miles northeast of Rock Run in Cherokee County. The tornado moved across County Highway 144 just south-southwest of Ragland where it first began then destroyed a number of structures along 144 to the east of Ragland. The tornado crossed primarily wooded land before moving

## ALABAMA Cont'd

through a camping area on the west side of Neely Henry Lake. A woman was killed outside on the west side of the lake as she tried to secure a boat. The tornado crossed Neely Henry Lake just north

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of the dam as it moved into Calhoun County. Twenty-six homes were damaged, 18 homes wer e destroyed, and 20 mobile homes were destroyed in St. Clair County.									
Moving into Calhoun County at 1104 CST, the storm continued on a steady northeast track (6 0 degree heading) crossing the north side of Ohatchee. The storm crossed U.S. Highway 431 at 1120 CST where one man was killed when the van he was in was thrown into a ditch. Three other people in the van were injured. The storm continued northeast across mostly woodlands with only scattered structures, mostly homes, in its path. It crossed U.S. Hi ghway 278 between four and five miles west northwest of Piedmont.									
The storm entered Cherokee County at 1135 CST. At 1139 CST the tornado destroyed the Goshen United Methodist Church located one mile north of the Cherokee/Calhoun County line on Count y Highway 9 killing 20 people and injuring 92. The tornado continued northeast across Cheroke e County reaching the Alabama/Georgia state line at approximately 1152 CST.									
Deaths: St. Clair County - (F540); Calhoun County - (M49V); Cherokee County - (F02O) (M03O) (F04O) (M05O) (F10O) (M12O) (F24O) (M25O) (F34O) (M34O) (M37O) (M38O) (M39O) (M44O) (F50O) (M54O) (F54O) (M64O) (F72O) (M79O)									
Marshall County Guntersville	27	1102CST- 1108CST	6.0	400	0	30	6	0	Tornado (F2)
A tornado travelled southwest to northeast across an area just south of the city of Guntersville. The tornado apparently began along Highway 79 South then cross Big Spring Creek damaging a number of residential structures along Spring Creek Drive. The tornado appeared to weaken, but was still strong enough to rip off the top part of the roof to the Marshall Nursing Home and damaging several houses near the entrance to Happy Home. It crossed U.S. Highway 431 near the high school taking out some trees on the side of the mountain and damaging a couple of homes. A total of 103 houses were damaged, 45 of them along Spring Creek Drive and eight along Highway 79 South.									
Dekalb County 3 E Grove Oak to Rainsville to Sylvania to Henager	27	1132CST	23.0	700	0	20	6	0	Tornado (F4)
A tornado struck near the Grove Oak area in the western sec tions of Dekalb County moving northeast through the towns of Rainsville, Sylvania, and Henager. In the path of the tornado, Emergenc y Management personnel reported 16 homes and 13 mobile homes completely destroyed, 45 homes and two mobile homes with major damage, and 21 homes and nine mobile home with minor damage . Two businesses and 12 poultry houses were destroyed.									
Cherokee County 10 SE Centre	27	1150CST			?	?	?	?	Hail (1.75)
Golf ball-size hail was reported in southern Cherokee County with the thunderstorm that produced the tornado.									
Blount County 2.5 SW Nectar	27	1157CST	2.5	150	0	1	5	0	Tornado (F0)
A tornado was reported in the Sugar Creek Community about three miles southwest of Nectar along Alabama 160. The storm damaged six homes, downed power lines and trees, and destroyed three greenhouses and damaged a fourth.									
St. Clair County, near Odenville	27	1227CST			?	?	?	?	Funnel Cloud
Report of a funnel cloud near Odenville.									
Lowndes County	27	1245CST			?	?	?	?	Hail (1.75)
Golf ball-size hail reported in Lowndes County.									
ALABAMA Cont'd									
Etowah County	27	1255CST			?	?	?	?	Funnel Cloud
Rainbow City	27	1310CST			?	?	?	?	Thunderstorm Winds (G51)
Gadsden	27	1310CST			?	?	?	?	Hail (1.25)
11 N Gadsden	27	1310CST			?	?	?	?	

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					Killed	Injured	Property	Crops	
<b>Wellington</b>	<b>27</b>	<b>1320CST</b>			<b>?</b>	<b>?</b>	<b>?</b>	<b>?</b>	<b>Funnel</b>
Thunderstorm moving across Etowah County produced a number of weather events including hail to half dollar size.									
<b>Winston County 4 S Arley</b>	<b>27</b>	<b>1310CST</b>			<b>?</b>	<b>?</b>	<b>?</b>	<b>?</b>	<b>Thunderstorm Winds</b>
Thunderstorm wind downed trees up to 18 inches in diameter which also downed power lines.									
<b>Pickens County</b>	<b>27</b>	<b>1500CST</b>			<b>0</b>	<b>0</b>	<b>5</b>	<b>6</b>	<b>Thunderstorm Winds</b>
<b>Carrollton</b>	<b>27</b>	<b>1500CST</b>			<b>?</b>	<b>?</b>	<b>?</b>	<b>?</b>	<b>Hail (0.75)</b>
A thunderstorm produced wind damage in the Carrollton-Gordo area as well as in the Reform area. Damage was light in the Reform area with a number of trees down, several blocking roads and several falling on other buildings. In the area from Carrollton to Gordo, many trees were downed and a number of structures sustained minor damage. A house near Aliceville reportedly suffered major damage.									
<b>Winston, Marion, and Walker Counties</b>	<b>27</b>	<b>1545CST- 2400CST</b>			<b>0</b>	<b>0</b>	<b>5</b>	<b>5</b>	<b>Flooding</b>
Heavy rains from a combination of thunderstorms early in the day and continuous moderate rain with embedded heavy rains in the afternoon and evening contributed to widespread flooding across the three counties. A considerable number of county roads were closed due to high water as well as several roads in Jasper. In Winfield in Marion County one of the area's oldest bridges collapsed due to the high water. Blackwater Creek was well out of its banks near Alabama Highway 5 with heavy flooding along Alabama 124, both in Walker County.									
In Winston County, \$150,000 damage was done to roads and bridges. Bridges on Brown's Creek and Splunge Creek were underwater and a number of county roads including 339, 67-F, and 22- W sustained damage.									
<b>Fayette County Concord</b>	<b>27</b>	<b>1545CST</b>			<b>?</b>	<b>?</b>	<b>?</b>	<b>?</b>	<b>Hail (1.75)</b>
Hail in sizes from quarter to golf ball were reported in Concord in southern Fayette County.									
<b>Tuscaloosa County Near Coker</b>	<b>27</b>	<b>1550CST</b>			<b>?</b>	<b>?</b>	<b>?</b>	<b>?</b>	<b>Hail (1.00)</b>
<b>Eagle Cove</b>	<b>27</b>	<b>1550CST</b>			<b>?</b>	<b>?</b>	<b>?</b>	<b>?</b>	<b>Hail (1.75)</b>
<b>Morrisbridge</b>	<b>27</b>	<b>1555CST</b>			<b>?</b>	<b>?</b>	<b>?</b>	<b>?</b>	<b>Hail (1.75)</b>
<b>Near Lake Tuscaloosa</b>	<b>27</b>	<b>1605CST</b>			<b>?</b>	<b>?</b>	<b>?</b>	<b>?</b>	<b>Funnel Cloud</b>
Numerous weather events were reported with a thunderstorm moving across Tuscaloosa County.									
<b>Tuscaloosa County 15 NE Tuscaloosa</b>	<b>27</b>	<b>1602CST</b>	<b>2.0</b>	<b>100</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>4</b>	<b>Tornado (F1)</b>
A tornado struck in an unpopulated area of Tuscaloosa County about 15 miles northeast of the center of Tuscaloosa. A 115 kilovolt power transmission line operated by Alabama Power Company was broken when two power structures were downed; a third was leaning.									
<b>Walker County Sipsey</b>	<b>27</b>	<b>1625CST</b>			<b>?</b>	<b>?</b>	<b>?</b>	<b>?</b>	<b>Hail (0.75)</b>
<b>Sipsey</b>	<b>27</b>	<b>1625CST</b>			<b>?</b>	<b>?</b>	<b>?</b>	<b>?</b>	<b>Thunderstorm Winds</b>
<b>Sipsey</b>	<b>27</b>	<b>1625CST</b>			<b>?</b>	<b>?</b>	<b>?</b>	<b>?</b>	<b>Hail (0.75)</b>
Three-quarter-inch hail was reported in Eastern Walker County.									
<b>Jefferson County Alliance</b>	<b>27</b>	<b>1620CST</b>			<b>?</b>	<b>?</b>	<b>?</b>	<b>?</b>	<b>Hail (1.75)</b>
<b>Alliance</b>	<b>27</b>	<b>1620CST</b>			<b>?</b>	<b>?</b>	<b>?</b>	<b>?</b>	<b>Thunderstorm Winds</b>
<b>ALABAMA Cont'd</b>									
Trees six to eight inches in diameter were reported downed with the wind.									
<b>Birmingham</b>	<b>27</b>	<b>1623CST</b>			<b>?</b>	<b>?</b>	<b>?</b>	<b>?</b>	<b>Hail (1.00)</b>
<b>Hueytown</b>	<b>27</b>	<b>1628CST</b>			<b>?</b>	<b>?</b>	<b>?</b>	<b>?</b>	<b>Funnel Cloud</b>
<b>Alliance</b>	<b>27</b>	<b>1630CST</b>			<b>?</b>	<b>?</b>	<b>?</b>	<b>?</b>	<b>Hail (3.00)</b>

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					Killed	Injured	Property - Crops	
<b>Maytown</b>	27	1630CST			?	?	?	<b>Hail (1.75)</b>
<b>Warrior</b>	27	1630CST			?	?	?	<b>Thunderstorm Winds (G50)</b>
Thunderstorm wind estimated at 60 miles an hour downed trees and powerlines in the Warrior area.								
<b>Graysville</b>	27	1631CST			?	?	?	<b>Hail (1.00)</b>
<b>Forestdale</b>	27	1631CST			?	?	?	<b>Hail (0.75)</b>
<b>Hueytown</b>	27	1632CST			?	?	?	<b>Thunderstorm Winds</b>
Trees and power lines reported down in Hueytown.								
<b>Minor</b>	27	1635CST			?	?	?	<b>Hail (1.75)</b>
<b>US 78 West</b>	27	1635CST			?	?	?	<b>Funnel Cloud</b>
<b>US 78 West</b>	27	1635CST			?	?	?	<b>Hail (0.75)</b>
Hail reported in western Birmingham at the Birmingham State Trooper Post on U.S. Highway 78.								
<b>Fultondale</b>	27	1640CST			?	?	?	<b>Hail (1.75)</b>
<b>Airport</b>	27	1644CST			?	?	?	<b>Hail (0.75)</b>
<b>Tarrant</b>	27	1644CST			?	?	?	<b>Hail (1.00)</b>
<b>Near Pinson</b>	27	1645CST			?	?	?	<b>Funnel Cloud</b>
<b>Pinson</b>	27	1645CST			?	?	?	<b>Hail (1.75)</b>
<b>Centerpoint</b>	27	1647CST			?	?	?	<b>Hail (1.75)</b>
<b>Birmingham</b>	27	1651CST			?	?	?	<b>Hail (0.75)</b>
Three-quarter-inch hail reported at Medical Center East in Birmingham.								
<b>Centerpoint</b>	27	1652CST			?	?	?	<b>Hail (2.00)</b>
<b>Trussville</b>	27	1655CST			?	?	?	<b>Hail (0.75)</b>
<b>Trussville</b>	27	1655CST			?	?	?	<b>Thunderstorm Winds</b>
Thunderstorm wind downed eight-inch diameter trees in Trussville.								
<b>Airport Rd</b>	27	1655CST			?	?	?	<b>Thunderstorm Winds</b>
Large power lines were downed by thunderstorm wind at Airport Road and Interstate 20/59. The interstate highway was closed.								
<b>Greene County</b>								
<b>Near Jena</b>	27	1647CST			0	0	4	<b>Thunderstorm Winds (G50)</b>
Wind with a thunderstorm gusted to over 55 mph destroying one mobile home and pushing a second one off its foundation in northern Greene County southwest of Jena.								
<b>St. Clair County</b>								
<b>Springville</b>	27	1703CST			?	?	?	<b>Hail (1.00)</b>
<b>Odenville-Argo Area</b>	27	1706CST			?	?	?	<b>Hail (0.75)</b>
<b>Calhoun County</b>								
<b>Ohatchee</b>	27	1730CST			?	?	?	<b>Hail (1.75)</b>
<b>Ohatchee</b>	27	1730CST			?	?	?	<b>Thunderstorm Winds</b>
Golf ball-size hail was reported at Ohatchee with numerous trees down on Highway 204 near U.S. Highway 431.								
<b>Tuscaloosa County</b>								
<b>7 NE Vance</b>	27	1723CST			?	?	?	<b>Thunderstorm Winds</b>
Trees and power lines were downed on Highway 5 in Tuscaloosa County near the Bibb County line.								
<b>Hale County</b>								
<b>Greensboro</b>	27	1715CST			?	?	4	<b>Thunderstorm Winds</b>
A mobile home was destroyed and a portion of a building supply company was damaged in a thunderstorm wind.								
<b>ALABAMA Cont'd</b>								
<b>Jefferson County</b>								
<b>Hueytown</b>	27	1729CST			?	?	?	<b>Hail (1.00)</b>
<b>Homewood</b>	27	1737CST			?	?	?	<b>Hail (1.75)</b>
<b>US 280/I459</b>	27	1740CST			?	?	?	<b>Hail (1.00)</b>

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<b>Lake Purdy Shelby County</b>	27	1745CST			?	?	?	?	<b>Hail (0.75)</b>
	27	1731CST- 1745CST	12.0	300	0	53	6	0	<b>Tornado (F2)</b>
A tornado began on the north side of Helena on the Bearden Farm moving northeastward crossing Alabama 261 near Pelham High School. The school suffered some damage. Continuing northeast, the tornado caused damage in a residential section before doing extensive damage to two mobile home parks on the west side of U.S. Highway 31 on the north side of Pelham. The tornado did extensive to businesses in the stretch from the U.S. 31/Alabama 119 intersection to the Alabama 119/Interstate 65 intersection. The tornado continued on its track going through primarily residential areas of Pelham and Indian Springs. The tornado dissipated just before reaching the Meadow Brook area about two miles west of U.S. Highway 280. Areas in the path of the tornado included sections of Chandalar, Green Park South mobile home park, South Gate Mobile Home Park, Indian Springs Village, Broken Bow, Broken Bow South, and Riverchase.									
<b>Blount County 15 W Oneonta</b>	27	1735CST			?	?	?	?	<b>Thunderstorm Winds</b>
Wind with a thunderstorm downed trees in the southwestern sections of Blount County in the same area affected by a storm earlier in the day.									
<b>Cherokee County Goshen</b>	27	1750CST			?	?	?	?	<b>Funnel Cloud</b>
At the destroyed church site of the tornado earlier that morning, rescue workers and emergency personnel sought shelter when a funnel cloud was observed.									
<b>Cleburne County Heflin</b>	27	1920CST			0	0	5	0	<b>Hail (1.75) Thunderstorm Winds</b>
Hail slightly larger than golf ball-size was reported at Heflin. A number of trees were downed by wind. Damage in Heflin began on U.S. Highway 78 West and crossed through town.									
<b>Clay County 5 W Ashland</b>	27	1935CST			0	0	4	0	<b>Hail (0.88)</b>
Hail about the size of nickels was reported about five miles west of Ashland.									
<b>Hale County 7 W Moundville</b>	30	1400CST			?	?	?	?	<b>Flooding</b>
Four people and four dogs were rescued when water from the Black Warrior River rose in the area west of Moundville. The river reached flood levels from rains that had occurred during the outbreak of severe storms on March 27. About 20 houses in the area were affected by flood waters, most were evacuated on Tuesday. The Black Warrior River crested at 134 feet in Tuscaloosa.									
<b>ARIZONA</b>									
<b>Maricopa County 15 S Phoenix</b>	07	1328MST	0.2	10	0	0	3	0	<b>Tornado (F0)</b>
A pilot reported a weak tornado briefly touching down just south of the Foothills Golf Course. Some roof damage occurred to a large maintenance building.									
<b>50 W Phoenix</b>	07	1508MST			0	0	0	0	<b>Funnel Cloud</b>
Observers reported the funnel cloud between Tonopah and the Palo Verde Nuclear Generating Station moving slowly to the east.									
<b>ARIZONA Cont'd</b>									
<b>La Paz County Quartzsite</b>	07	1440MST- 1700MST			0	0	?	?	<b>Flash Flood</b>
Thunderstorms brought sudden heavy downpours which caused water to flow over Highway 95.									
<b>Pinal County</b>									

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<b>Sacaton</b>	<b>07</b>	<b>1400MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Funnel Cloud</b>
<b>Sacaton</b>	<b>07</b>	<b>1530MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (0.75)</b>
<b>Casa Grande</b>	<b>07</b>	<b>1550MST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Hail (0.75)</b>
<b>Casa Grande</b>	<b>07</b>	<b>1620MST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Hail (0.75)</b>
<b>Pima County</b>									
<b>Tucson</b>	<b>07</b>	<b>1430MST</b>	<b>0.1</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Tornado (F0)</b>
This weak tornado touched down briefly in the 4800 block of East Third and took off part of a roof. One observer said it sounded like a freight train as it moved through the neighborhood. A trampoline was lifted and carried into the next yard. Trash cans were thrown about, with one landing 10 houses away.									
<b>Maricopa County</b>									
<b>38 NW Phoenix</b>	<b>11</b>	<b>1655MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Funnel Cloud</b>
<b>12 NW Phoenix</b>	<b>11</b>	<b>1716MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Thunderstorm Winds (G60)</b>
Air traffic controllers at the Glendale Airport reported southwest winds that peaked at 69 mph.									
<b>Tempe</b>	<b>11</b>	<b>1800MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Thunderstorm Winds</b>
Road signs in a construction site on Interstate 10 were blown down.									
<b>10 S Tempe</b>	<b>11</b>	<b>1800MST</b>			<b>0</b>	<b>2</b>	<b>?</b>	<b>0</b>	<b>Dust Storm</b>
A seven car accident was blamed on low visibility due to dense blowing dust at Interstate 10 and Maricopa Road. Two minor injuries were reported.									
<b>7 SE Phoenix</b>	<b>11</b>	<b>1800MST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>0</b>	<b>Thunderstorm Winds</b>
At least one tree uprooted in the Ahwatukee Foothills area.									
<b>Chandler</b>	<b>11</b>	<b>1845MST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>0</b>	<b>Thunderstorm Winds</b>
Winds blew down several tents at the Chandler Ostrich Festival.									
<b>Mohave County</b>									
<b>Bullhead City</b>	<b>19</b>	<b>2245MST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Flash Flood</b>
Roads were closed around the town as a sudden deluge left motorists stranded in water. The Chaparral Country Club had to be closed for three days due to flood damages.									
<b>Maricopa County</b>									
<b>Phoenix</b>	<b>26</b>	<b>1200MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Funnel Cloud</b>
A weather spotter reported a funnel cloud near 43rd Avenue and Cactus.									
<b>ARKANSAS</b>									
<b>Logan County</b>	<b>01</b>	<b>0015CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Flash Flood</b>
<b>Sugar Grove</b>	Heavy rains flooded portions of Highways 217 and 109 near Sugar Grove.								
<b>Lafayette County</b>	<b>06</b>	<b>1315CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (0.75)</b>
<b>Walnut Hill</b>									
<b>Van Buren County</b>	<b>07</b>	<b>1113CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (0.75)</b>
<b>Scotland</b>	<b>07</b>	<b>1148CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (1.75)</b>
<b>Damascus</b>									
<b>ARIZONA Cont'd</b>									
<b>Conway County</b>	<b>07</b>	<b>1150CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (1.75)</b>
<b>2.5 N Center Ridge</b>									
<b>Faulkner County</b>	<b>07</b>	<b>1205CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (0.75)</b>
<b>7 NE Greenbrier</b>									
<b>Cleburne County</b>	<b>07</b>	<b>1215CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (1.75)</b>
<b>Quitman</b>									

## Storm Data and Unusual Weather Phenomena

March 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Character of Storm
					Killed	Injured	Property - Crops	
<b>White County</b>								
4 NE Romance	07	1230CST			0	0	0	Hail (2.75)
Romance	07	1234CST			0	0	4	Hail (2.75)
			Baseball-size hail broke several windows in Romance.					
8 SW Searcy	07	1258CST			0	0	0	Hail (1.00)
6 SW Searcy	07	1305CST			0	0	0	Hail (1.75)
Prairie County	07	1330CST			0	0	0	Hail (1.75)
Jasmine								
<b>Monroe County</b>								
2 N Brinkley	07	1427CST			0	0	0	Hail (1.75)
Brinkley	07	1437CST			0	0	0	Hail (0.75)
ARZ001>049-054> 058	08- 09	0600CST- 1500CST			0	0	6	Winter Storm
Northern and Central Arkansas								
A mixture of snow, sleet, and freezing rain fell over parts of northern and central Arkansas beginning early on the 8th and continuing into the afternoon hours on the 9th. Northern parts of Arkansas were hardest hit where snow accumulated up to 18 inches at some locations. Over central Arkansas, snow, sleet, and freezing rain made roads very hazardous. Numerous power outages occurred in the northern areas of the state as a result of the heavy snow. A number of buildings either collapsed or sustained damage due to the weight of the snow. A large number of poultry houses were destroyed, killing thousands of young chickens. The snow only stayed on the ground a few days as warmer weather quickly moved back into the area.								
<b>White County</b>	24	0405CST			0	0	4	Hail (1.75)
Higginson								
			Golfball sized hail damaged two vehicles in Higginson.					
<b>Woodruff County</b>	24	0515CST			0	0	4	Hail (1.75)
McCrory								
			Hail up to softball-size damaged several roofs and vehicles in McCrory.					
<b>Prairie County</b>	24	0520CST			0	0	4	Hail (0.75)
Center Point								
			Several roofs and vehicles were damaged by dime-sized hail in Center Point.					
<b>Cross County</b>								
Fair Oaks	24	0535CST			0	0	0	Hail (0.75)
Tilton	24	0535CST			0	0	0	Hail (0.75)
6 SE Wynne	24	0625CST			0	0	0	Hail (0.75)
<b>Monroe County</b>	24	0540CST			0	0	0	Hail (1.75)
Brinkley								
<b>Crittenden County</b>	24	0720CST			0	0	0	Hail (0.75)
West Memphis								
<b>Pulaski County</b>	24	1030CST			0	0	5	Lightning
Sherwood								
<b>ARIZONA Cont'd</b>								
Lightning struck a house in Sherwood which resulted in a fire. The fire was contained to the upstairs portion of the house. A van inside the garage also sustained major damage.								
<b>Union County</b>	27	1115CST			0	0	0	Hail (0.75)
Junction City								
<b>Ashley County</b>	27	1144CST			0	0	0	Hail (0.75)
Crossett								



## Storm Data and Unusual Weather Phenomena

March 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

### CALIFORNIA, Northern

**Fresno County**  
**West Fresno**      **05**    **1405PST**                **0**    **0**    **0**    **0**    **Funnel Cloud**

**Fresno County**  
**Kerman/  
3 W Fresno**      **05**    **1405PST-  
1415PST**                **0**    **0**    **5**    **7**    **Hail (1.12)**

**Kings County**  
**Lemoore**      **05**    **1445PST**    **0.1**    **30**    **0**    **0**    **0**    **0**    **Tornado (F0)**

Powerful thunderstorms rolled through the central San Joaquin Valley spawning a funnel cloud and a tornado along with damaging hail. The funnel cloud was reported by two weather spotters. The tornado was reported to have touched down for only about 15 seconds and no damage was reported. The hail and strong winds caused \$6 million in crop damage. Almond trees were toppled and there was serious damage to citrus crops, strawberries, and grapes.

**Kern County**  
**Arvin**      **05**    **1730PST**                **0**    **0**    **4**    **4**    **High Winds**

A thunderstorm produced high wind and hail up to five-tenths inches in diameter. Wind gusts were estimated to be 65 to 75 mph. Trees were toppled by the wind, and the hail damaged the onion crop.

**Shasta County**  
**Old Shasta**      **10**    **1530PST-  
1630PST**                **0**    **0**    **4**    **0**    **Hail (1.00)**

Hail caused minor damage in the Redding area. At Old Shasta, hail was reported to be three inches deep following the storm.

**Butte County**  
**Oroville**      **10**    **1930PST**    **0.2**    **30**    **0**    **0**    **5**    **0**    **Tornado (F0)**

A resident saw the tornado illuminated by a lightning strike as it uprooted trees in his neighborhood. The falling trees damaged houses, and knocked out power lines.

### CALIFORNIA, Southern

**Area Wide**      **05-  
06**    **2000PST-  
2100PST**                **0**    **0**    **0**    **0**    **Winter Storm**

A strong upper level low pressure system moved over the Southern California area. Minor rock slides closed the west end of Mulholland Highway, 1 mile North of Pacific Coast Highway. Highway 38 near Redlands also was closed due to flooding. Additional minor flooding over central and western Riverside Counties. General rainfall under 0.25 of an inch, however Santa Barbara and Ventura Counties had 0.50 to 0.75 of an inch. Thunderstorms were also over the San Fernando Valley.

**SBD County**  
**Mentone**      **06**    **1500PST**                **0**    **0**    **4**    **0**    **Flash Flood**

Approximately two dozen homes flooded with mud and water at the 3000 block of Mill Creek Road.

**Area Wide**      **07**    **All Day**                **0**    **0**    **0**    **0**    **Winter Storm**

### CALIFORNIA, Southern

A strong low pressure system continued to spin over Southern California. Some 0.25 to 0.50 inch hail fell over downtown Los Angeles, and over the mountains. Average rainfall was generally 0.25 to 0.50 inch, while two to four inches of snow fell in the mountains. Numerous reports of urban street flooding and power outages due to thunderstorms.

**Los Angeles County**  
**Sierra Madre**      **07**    **1645PST**                **2**    **0**    **0**    **0**    **Flash Flood**

A man and son were hiking, and presumed dead after a flash flood occurred down Bailey Canyon at Sierra Madre. Eight other hikers were stranded in Bailey's canyon, and needed helicopter rescue. No other injuries reported.

## Storm Data and Unusual Weather Phenomena

March 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured		Estimated Damage Property Crops	Character of Storm
<b>Orange County Ortega Highway</b>	<b>07</b>	<b>1645PST</b>			<b>0</b>	<b>0</b>	<b>?</b> <b>0</b>	<b>Flash Flood</b>
								Ortega Hwy closed due to mud and rock slides, which closed the entire Orange County stretch.
<b>CAZ019</b>	<b>07</b>	<b>1700PST</b>			<b>0</b>	<b>0</b>	<b>0</b> <b>0</b>	<b>High Winds</b>
								High winds of 35 to 55 mph were common in the Mojave Desert, at Hesperia, Apple Valley, and in the Lucerne Valley. No damage reported.
<b>CAZ013, 015,019, 023</b>	<b>11</b>	<b>All Day</b>			<b>0</b>	<b>0</b>	<b>4</b> <b>0</b>	<b>High Winds</b>
								Strong high pressure off the West coast and deep low pressure in Nevada created strong winds of 35 to 45 mph, with gusts of 50 to 60 mph over the Santa Barbara Mountain areas below canyons, and over the Western Mojave Desert. In Carpinteria, winds blew over a tree onto a mobile home. Scattered blackouts reported due to fallen power lines. No injuries reported, but some minor property damage.
<b>Area Wide</b>	<b>19</b>	<b>All Day</b>			<b>0</b>	<b>0</b>	<b>0</b> <b>0</b>	<b>Winter Storm</b>
								Upper level low pressure over Southern CA, with rainfall amounts of 0.50 to 0.75 of an inch with up to 1.50 inches over the LA Basin. Two to three inches of rain were common in the mountains. Numerous reports of minor urban and street flooding, and minor flooding on Laguna Canyon Road, and over San Marcos Pass. Power outages due to thunderstorms, and three weather related deaths involving car accidents. Five feet of water was reported on Interstate 5, just East of downtown LA.
<b>SBA County Mission Canyon</b>	<b>19</b>	<b>0100PST- 0500PST</b>			<b>0</b>	<b>0</b>	<b>5</b> <b>0</b>	<b>Flash Flood</b>
								Flooding reported in homes in Mission Canyon, with some property damage. No major flooding in any of the burn areas.
<b>CAZ014- 015,019</b>	<b>22</b>	<b>1300PST- 1800PST</b>			<b>0</b>	<b>0</b>	<b>3</b> <b>0</b>	<b>High Winds</b>
								Winds of 25 to 35 mph with gusts to 55 mph were reported over the Northern Deserts, Owens valley, and over Ventura County. Several trees were uprooted in Oxnard, where winds were gusting to 46 mph at Oxnard airport. Gusts to 74 mph were observed at Inyokern Airport, while gusts to 52 mph were reported at Mojave Airport.
<b>Area Wide</b>	<b>24</b>	<b>1200PST- 2000PST</b>			<b>0</b>	<b>0</b>	<b>0</b> <b>0</b>	<b>Winter Storm</b>
								A strong upper low pressure system and cold front moved over the area, where rainfall amounts of 0.75 to 1.33 inches were common. Numerous reports of street flooding and some mudslides occurred over the burn areas. Power outages were also common over the Los Angeles area.
<b>Santa Barbara</b>	<b>24</b>	<b>1515PST</b>			<b>0</b>	<b>0</b>	<b>0</b> <b>0</b>	<b>Thunderstorm Winds (G52)</b>
								Wind gusts to 60 mph reported by the Santa Barbara airport.
<b>Santa Barbara</b>	<b>24</b>	<b>1540PST</b>	<b>?</b>	<b>?</b>	<b>0</b>	<b>0</b>	<b>2</b> <b>0</b>	<b>Tornado (F0)</b>
<b>CALIFORNIA, Southern</b>								
								A tornado was reported by the Santa Barbara Fire Dept and by the Harbor Masters office. The Fire Dept said it carried a 10 x 20 feet building over a 7 feet fence.
<b>LA County Malibu</b>	<b>24</b>	<b>1630PST- 1930PST</b>			<b>0</b>	<b>0</b>	<b>?</b> <b>0</b>	<b>Flash Flood</b>
								Mudslides closed Pacific Coast Hwy at Big Rock Canyon. Additional mudslides closed Pacific Coast Hwy between Las Flores Canyon to Malibu Canyon Road. Eighteen inches of mud on Pacific Coast Hwy at Las Flores Canyon.
<b>Orange County Laguna Beach</b>	<b>24</b>	<b>2030PST- 0000PST</b>			<b>0</b>	<b>0</b>	<b>0</b> <b>0</b>	<b>Flash Flood</b>
								Mudslides on Laguna Canyon Road. The road was closed due to 2 feet of mud on the road.

# Storm Data and Unusual Weather Phenomena

March 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Character of Storm
					Killed	Injured	Property - Crops	
<b>CAZ013</b>	<b>24</b>	<b>1700PST-</b>						
	<b>25</b>	<b>2000PST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>Heavy Snow</b>
Heavy snow occurred over many mountain areas above 5500 feet. Six to thirteen inches were common over many locations. Wrightwood, Green Valley Lake, and Snow Summit reported 10 inches, Frazier Park had 13 inches, and Idyllwild reported 4 inches of snow.								
<b>COLORADO</b>								
<b>COZ071</b>	<b>01</b>	<b>0010MST-</b>						
	<b>01</b>	<b>0800MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>Heavy Snow</b>
The combination of a weak upper level storm system and southeast upslope winds brought heavy snow to the higher terrain southwest and northwest of Colorado Springs. Significant amounts included 10 inches at Gold Camp Road (10 miles southwest of Colorado Springs) and seven inches at Monument (18 miles north northwest of Colorado Springs).								
<b>Las Animas County</b>	<b>03</b>	<b>1615MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>Thunderstorm Wind (G59)</b>
A thunderstorm produced a 68 mph (59 kts) wind gust at the Trinidad Airport.								
<b>COZ066-074&gt;081</b>	<b>07</b>	<b>2200MST-</b>						
	<b>08</b>	<b>2200MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>Heavy Snow</b>
An upper level weather system and moist upslope winds combined to dump heavy snow over much of Southeast Colorado. Snowfall amounts of 8 to 12 inches were common. Significant amounts included 13 inches at Las Animas (14 miles east of La Junta); 12 inches at Cuchara (37 miles east of Alamosa); and 10 inches at both Springfield and Trinidad.								
<b>COZ061</b>	<b>12</b>	<b>0700MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>High Wind (G61)</b>
A wind gust to 70 mph (61 kts) was reported by employees at the Wolf Creek ski area at 7 am.								
<b>COZ034-035-036-066</b>	<b>11</b>	<b>2000MST-</b>						
	<b>12</b>	<b>1600MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>Heavy Snow</b>
An upper level weather system brought heavy snow to portions of the Central and Southern Mountains. Snowfall amounts averaged 10 to 20 inches. Significant amounts included 19 inches at Cuchara (37 miles east of Alamosa); 15 inches at Cuchara Valley ski area; and 12 inches at both Hourglass Lake (20 miles west of Fort Collins) and Cabin Creek (35 miles west of Denver).								
<b>COZ036</b>	<b>18</b>	<b>2300MST-</b>						
	<b>19</b>	<b>0430MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>High Winds (G74)</b>
Periodic high winds buffeted the Central Mountains east of the Continental Divide. Significant wind gusts included 85 mph (74 kts) at Squaw Mountain near Idaho Springs at 2300 MST on the 18th; 82 mph (71 kts) at Rollinsville at 2313 MST on the 18th; and 81 mph (70 kts) at Squaw Mountain at 2410 MST on the 19th.								
<b>COZ039</b>	<b>19</b>	<b>0435MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>High Wind (G62)</b>
<b>COLORADO Cont'd</b>								
A wind gust to 71 mph (62 kts) was observed in Longmont (26 miles south of Fort Collins) at 0435 MST.								
<b>COZ018-023-060-061</b>	<b>19</b>	<b>2000MST-</b>						
	<b>20</b>	<b>1600MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>Heavy Snow</b>
Moist southwest winds produced heavy snow over portions of the central and southwest Mountains. Significant amounts included 14 inches at Wolf Creek Pass; 13 inches at Telluride; and 11 inches at both Gothic and Irwin ski areas.								
<b>COZ009-010</b>	<b>22</b>	<b>0800MST-</b>						
	<b>22</b>	<b>2200MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>Heavy Snow</b>
An upper level system brought heavy snow to portions of the Central Mountains. Significant amounts included 11 inches at Aspen Mountain ski area; 10 inches at Aspen Highlands ski area; and								

# Storm Data and Unusual Weather Phenomena

March 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
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10 inches at Snowmass ski area.

COZ061	22	1800MST-					
	22	1900MST			0	0	0
							High Winds (G83)

A wind gust to 96 mph (83 kts) was observed at Red Mountain Pass at 1800 MST. An employee at the Wolf Creek ski area reported a wind gust to 90 mph (78 kts) occurred sometime between 1700 MST and 1800 MST.

COZ007	22	2000MST			0	0	3
							Wind

A strong wind gust blew a skylight off the roof of a bank in Glenwood Springs.

COZ036-038-039-040-042	23	0030MST-					
	23	1105MST			0	0	3
							High Winds (G67)

Periodic high winds buffeted portions of the Eastern Foothills east of the Continental Divide. Significant wind gusts included 77 mph (67 kts) at Fort Collins at 0455 MST; 76 mph (66 kts) at Longmont (26 miles south of Fort Collins) at 1020 MST; 75 mph (65 kts) at Nunn (18 miles east northeast of Fort Collins) at 1020 MST; and 74 mph (64 kts) at Squaw Mountain near Idaho Springs at 830 MST. Wind gusts to 70 mph (61 kts) were observed by Rocky Flats Personnel north of Golden sometime during the morning. The winds knocked 6 tractor-semitrailer off Interstate 25 north of Fort Collins.

COZ018-033-034-061	24	1800MST-					
	25	1600MST			0	0	0
							Heavy Snow

An upper level weather system and moist southwest winds combined to dump heavy snow over portions of the Northern, Central and Southwest Mountains. Amounts averaged from 8 to 12 inches. Significant amounts included 14 inches at Monarch ski area; 13 inches at Eldora ski area; 12 inches at both Molas Pass and Mary Jane ski area; and 11 inches at Red Mountain Pass.

COZ065-066	25	2000MST-					
	26	2300MST			0	0	0
							Heavy Snow

The upper level system moved across the southern portion of Colorado, and combined with moist southwest winds to dump heavy snow over the Sangre De Cristo Mountains. Snowfall amounts averaged 10 to 20 inches. Significant amounts included 24 inches at Rosita (10 miles southeast of Westcliffe); 14 inches near Westcliffe; and 12 inches at San Isabel (31 miles southwest of Pueblo).

COZ033-034-036-041-067	26	1000MST-					
	26	2200MST			0	0	0
							Heavy Snow

The upper level storm system also dumped heavy snow over portions of the Northern and Central Mountains, and along the Palmer Divide between Denver and Colorado Springs. Snowfall amounts averaged around a foot in the mountains and around seven inches along the Palmer Divide. Significant amounts included 13 inches at Ruxton Park (15 miles west of Colorado Springs); 12 inches at Dermont (20 miles southwest of Denver); and 11 inches at both Eldora ski area and Idaho Springs. Monument, near the Palmer Divide, received seven inches of snow.

## COLORADO Cont'd

COZ010-033-034-035-036-039-040-067	28	1800MST-					
	29	1500MST			0	0	0
							Heavy Snow

An upper level weather system moved across Central Colorado, dumping 8 to 14 inches of snow over the Central Mountains. Moist upslope winds combined with the system to dump five to seven inches of snow along the eastern foothills. Significant amounts in the mountains included 14 inches at both Divide (21 miles west northwest of Colorado Springs) and Cripple Creek (22 miles west of Colorado Springs); 13 inches at Eldora ski area and 12 inches at Breckenridge ski area. The Denver Metro area received between six and seven inches of snowfall.

## CONNECTICUT

CTZ001-008	03	0200EST-1100EST			0	0	0
							Heavy Snow

A strong low pressure system moving to the northeast over the ocean from the Delmarva Peninsula

# Storm Data and Unusual Weather Phenomena

March 1994

March 1994									
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Character of Storm	
					Killed	Injured	Property	Crops	
and passing to the southeast of Cape Cod resulted in a strong nor'easter with heavy snow. A total of 10.6 inches of snow fell at Bradley International Airport at Windsor Locks bringing the total seasonal snowfall up to 78 inches. The greatest seasonal total on record is 82.8 inches in 1966-67. While 6 to 11 inches of snow fell across the central and northern part of the state, less than six inches fell closer to the coast, where Bridgeport had 3.2 inches and Saybrook had two inches. Most school systems were closed for the day along with many businesses since highway travel was disrupted.									
CTZALL	10	0100EST- 1500EST			0	0	?	0	Heavy Rain
A mix of snow and sleet, which began during the afternoon and evening of March 9th, changed to freezing rain and then heavy rain. At 0630 EST power outages were affecting up to 15,000 electric customers statewide, but that number decreased to about 1,000 outages by late afternoon. Precipitation totals of 1.5 to 3.0 inches were recorded across the state over a period of 12 to 15 hours. The heavy precipitation combined with melting snow to produce considerable urban street and basement flooding in the usual flood prone areas as small streams reached near bankfull levels.									
IDAHO									
IDZ009	16	1600PST-							
Idaho Panhandle	17	1600PST			0	0	0	0	Heavy Snow
A Local Cooperative Observer at Mullan, 50 miles east of Coeur d'Alene, reported seven inches of new snow. Eight inches of snow fell at Silver Mountain Ski Area, 35 miles east of Coeur d'Alene.									
IDZ001	16	1750MST			0	0	4	0	High Winds
In Meridian, 10 miles west of Boise, high winds snapped a 75-foot tall pine tree at the base. Just prior to this occurrence, winds had gusted to 56 mph at Nampa, 20 miles west of Boise. A wind gust of 53 mph was recorded at the Boise Airport shortly after the event in Meridian. The winds also downed several powerlines and damaged many roofs throughout the Treasure Valley of southwest Idaho. Numerous areas of blowing dust were created by the winds.									
IDZ011	21	0800PST-							
North Central Mountains	22	0800PST			0	0	0	0	Heavy Snow
Six inches of new snow fell at Red River, 95 miles southeast of Lewiston.									
IDZ004-012	22	0300MST-							
	23	0800MST			0	0	0	0	Heavy Snow
A moist storm system dropped up to 10 inches of snow in the southeast part of Idaho. Local Cooperative Observers reported eight inches at Island Park, 70 miles northeast of Idaho Falls, and 10 inches at Bern, 65 miles southeast of Pocatello.									
Bannock County	28	1628MST	Short	5-15	0	0	0	0	Tornado (F0)
A brief tornado was observed by National Weather Service personnel one mile west of the Pocatello Airport. No damage was reported.									
ILLINOIS									
Southern Illinois									
ILZ067-068- 071>073- 075>094	08	1600CST-							
	09	1800CST			0	0	5	0	Heavy Snow
Four to 12 inches of snow fell across southern Illinois. The heaviest snow fell in the far south tip near the Ohio River. Many schools and businesses were closed. There were many traffic accidents due to slick, snow-covered roads. Some older barns and homes suffered roof damaged from the weight of the snow in far southern Illinois.									
Vermillion County									
Oakwood	23	2119CST			0	0	?	0	Hail (1.75)
Danville	23	2138CST			0	0	?	0	Hail (1.75)
INDIANA									
INZ067-092-	09	0000EST-			0	0	0	0	Heavy Snow

## Storm Data and Unusual Weather Phenomena

March 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Character of Storm
					Killed	Injured	Property - Crops	

### Southern Indiana 1800EST

Most of southern Indiana received between five and seven inches of snow, with up to nine inches falling in the southeast part of the state. Numerous schools and businesses had to be closed.

<b>Wabash County</b>	<b>23 2003EST</b>	<b>0 0 ? ?</b>	<b>Hail (1.00)</b>
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One inch diameter hail was reported throughout the county.

<b>Huntington County</b>	<b>23 2020EST</b>	<b>0 0 ? ?</b>	<b>Hail (1.00)</b>
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One inch diameter hail was reported throughout the county.

<b>Wayne County Hagerstown</b>	<b>24 0015EST</b>	<b>0 0 0 0</b>	<b>Hail (0.88)</b>
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<b>Henry County New Castle</b>	<b>24 0110EST</b>	<b>0 0 ? ?</b>	<b>Hail (1.00)</b>
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### IOWA

**IAZ001>057-065>071-  
079>084-090>096  
Much of Iowa**

<b>03 1200CST- 14 0600CST</b>	<b>0 0 5 0</b>	<b>Flooding</b>
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Iowa received a major break from mother nature during the month of March. The potential for widespread snowmelt flooding at the beginning of the month was high. Final statewide precipitation totals have not been finalized, but it appears that March 1994 will be at least the 2nd driest March on record and may tie the driest. March was also warmer than normal by about two degrees. It was also a sunny month with Des Moines recording 86% of possible sunshine for the sunniest March on record. Needless to say, snowfall was also well below normal. Although precipitation was observed somewhere in the state on 17 days of the month, amounts were under 0.10 inch. Many stations say greatest 24 hour totals of under one quarter inch. Most of the flooding occurred during the first week of the month. Heavy snow pack from the snowfall of late February melted, resulting in minor to moderate flooding. Most of the moderate flooding was due to ice jamming rather than from snowmelt. Some of the worst ice jamming occurred on Beaver Creek at New Hartford, the Little Sioux River at Spencer, and the Des Moines River at Estherville and Ford Dodge. Most of the flooding was confined to agricultural areas. River generally were only one to three feet over flood stage. The Little Sioux at Linn Grove crested a little over five feet over flood stage for the highest crest in the state. With the exception of the Des Moines River at Estherville, the river levels were back within bank by the 14th of the month. Snowmelt upstream in Minnesota caused the stage on the Des Moines River at Estherville to remain above flood stage until the 21st of the month. Overall, damage was relatively minor even though the flooding was widespread. Early reports indicate damage was not more than a few hundred thousand dollars statewide.

<b>Polk County Des Moines</b>	<b>20 1753CST</b>	<b>0 0 4 0</b>	<b>Lightning</b>
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### IOWA Cont'd

The seasons first organized convection developed along a cold front that moved southeast across Iowa. The thunderstorms actually formed just in the wake of the surface cold front. Most of the thunderstorms produced brief heavy rainfall and some pea-size hail. No severe weather occurred with them. As the storms passed over Des Moines, lightning struck a house and started a fire. Damage to the house was around \$15,000.

### KANSAS

<b>Cherokee County 6 SE Oswego</b>	<b>06 1930CST</b>	<b>0 0 0 0</b>	<b>Hail (1.00)</b>
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<b>Cherokee County 8 S Columbus</b>	<b>06 1947CST</b>	<b>0 0 0 0</b>	<b>Hail (0.75)</b>
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A thunderstorm moved across Cherokee County and dropped hail sized up to an inch from southeast of Oswego to eight miles south of Columbus.

<b>Chautaugua County 8 NW Sedan Montgomery County</b>	<b>06 2000CST</b>	<b>0 0 0 0</b>	<b>Hail (1.50)</b>
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## Storm Data and Unusual Weather Phenomena

March 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
4 E Independence	06	2010CST			0	0	0	0	Hail (0.75)
<b>LOUISIANA</b>									
Calcasieu Parish									
Lake Charles									
Airport	09	0443CST			0	0	1	0	Thunderstorm Winds (G50)
Lake Charles	09	0452CST			0	0	3	?	Thunderstorm Winds
Cameron Parish									
Creole	09	0515CST			0	0	2	0	Thunderstorm Winds
Vermillion Parish									
Abbeville to	09	0615CST			0	0	3	0	Thunderstorm Winds
Maurice	09	0630CST							
St. Landry Parish									
5 NW Krotz Springs	09	0630CST			0	0	2	0	Thunderstorm Winds
Pointe Coupee Parish									
Morganza	09	0640CST			0	0	2	0	Thunderstorm Winds
Livonia	09	0640CST			0	0	2	0	Thunderstorm Winds
Iberville Parish									
Rosedale	09	0645CST			0	0	2	0	Thunderstorm Winds
southeast									
section	09	0815CST			0	0	2	0	Thunderstorm Winds
East Feliciana									
Parish									
Jackson	09	0702CST			0	0	2	0	Thunderstorm Winds
Ethel	09	0725CST			0	0	3	0	Thunderstorm Winds
St. Martin Parish									
St. Martin-									
ville	09	0700CST	0.5	30	0	0	3	0	Tornado (F1)
Livingston Parish									
Denham Springs to									
Livingston	09	0810CST-			0	0	3	0	Thunderstorm Winds
Tangipahao Parish									
Loranger	09	0855CST	0.3	30	0	0	4	0	Tornado (F1)
Husser	09	0910CST			0	0	2	0	Thunderstorm Winds
St. Mary Parish									
Amelia	09	0945CST			0	0	4	0	Thunderstorm Winds
Washington Parish									
Franklinton	09	1000CST			0	0	2	0	Thunderstorm Winds
Angie	09	1000CST			0	0	3	0	Thunderstorm Winds
Bogalusa	09	1015CST			9	0	2	0	Thunderstorm Winds
St. Tammany									
8S Mandeville	09	1015CST			0	0	0	0	Thunderstorm Winds (G52)

### LOUISIANA Cont'd

An area of thunderstorms, some reaching severe levels, developed over southwest Louisiana shortly before dawn and moved east over south Louisiana during the remainder of the morning. A few tornadoes were also reported with the severe thunderstorms. At St. Martinville, about a dozen power poles were snapped by a weak tornado, and another tornado destroyed a barn near Loranger. A shipyard near Amelia reported a large storage building was heavily damaged by thunderstorm wind gusts. Near Ethel, thunderstorm wind gusts blew a tree onto a house. The other damage from thunderstorm winds was confined mainly to downed tree limbs and broken power lines. Official wind gusts associated with the severe thunderstorms included 58 mph at Lake Charles Airport and 60 mph on the Lake Pontchartrain Causeway south of Mandeville.

St. Tammany Parish									
Covington	25	0110CST			0	0	2	0	Thunderstorm Winds
Thunderstorm wind gust downed several trees in the vicinity of Covington.									
Caddo Parish									
Blanchard	27	0455CST			0	0	2	0	Thunderstorm Winds
Claiborne Parish									
Haynesville	27	0550CST			0	0	2	0	Thunderstorm Winds

## Storm Data and Unusual Weather Phenomena

March 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Character of Storm
					Killed	Injured	Property - Crops	
Thunderstorm wind gusts downed trees in extreme northwest Louisiana.								
<b>Caddo Parish</b>								
<b>Blanchard</b>	27	1020CST			0	0	2 ?	Thunderstorm Winds
<b>Webster Parish</b>								
<b>5 NW Minden</b>	27	1050CST			0	0	2 ?	Thunderstorm Winds
<b>3E Dixie Inn</b>	27	1050CST			0	0	2 ?	Hail (0.88)
<b>Claiborne Parish</b>								
<b>3NW Athens</b>	27	1100CST			0	0	2 ?	Thunderstorm Winds
<b>3N Arizona</b>	27	1110CST			0	0	2 ?	Thunderstorm Winds
<b>Union Parish</b>								
<b>Bernice</b>	27	1100CST			0	0	2 ?	Hail (1.00)
<b>Conley</b>	27	1130CST			0	0	2 ?	Thunderstorm Winds
<b>Tensas Parish</b>								
<b>4W Newellton</b>	27	1220CST			0	0	3 ?	Thunderstorm Winds
<b>Madison Parish</b>								
<b>8SE Tallulah</b>	27	1240CST			0	0	2 ?	Thunderstorm Winds
<b>8SE Tallulah</b>	27	1240CST			0	0	? ?	Hail (1.00)
<b>Caldwell Parish</b>								
<b>Holum</b>	27	1242CST			0	0	? ?	Hail (1.00)
<b>Franklin Parish</b>								
<b>5E Winnsboro</b>	27	1248CST			0	0	2 ?	Thunderstorm Winds
<b>5E Winnsboro</b>	27	1248CST			0	0	? ?	Hail (0.88)
<b>Madison Parish</b>								
<b>Talla Bena</b>	27	1340CST			0	0	2 ?	Thunderstorm Winds

An area of thunderstorms, some producing damaging wind straight line wind gusts and hail swept across north Louisiana during the morning. From newspaper accounts, the only significant structural damage occurred near Newellton where a barn was heavily damaged by straight line winds. Elsewhere wind damaged was confined to snapped tree limbs, downed trees, and power lines.

### MAINE

#### MEZALL

<b>03</b>	<b>0600EST-</b>							
<b>04</b>	<b>1300EST</b>				0	0	? 0	Heavy snow

From 6 to 20 inches of snow fell across the state of Maine as a low pressure system tracked northeast through the Gulf of Maine. Most of the snowfall occurred on the 3rd, with the greatest accumulations in eastern interior Maine.

#### MEZ002>006-009

<b>10</b>	<b>0200EST-</b>							
	<b>1400EST</b>				0	0	? 0	Heavy Snow

Much of northern Maine received 6 to 8 inches of snow as a low pressure center moved northeast through the area.

### MAINE Cont'd

#### MEZ002>014

<b>22</b>	<b>0300EST-</b>							
<b>23</b>	<b>1200EST</b>				0	0	? 0	Heavy snow

A low pressure area moving slowly east-northeast across the Gulf of Maine produced 6 to 13 inches of snow across most of western and northern Maine. Heavy, wet snow resulted in numerous traffic accidents and loss of power to 19,000 residents.

### MASSACHUSETTS

#### MAZ001>013

<b>03</b>	<b>0200EST-</b>							
	<b>1200EST</b>				0	0	6 0	Heavy Snow

A strong low pressure system moving to the northeast over the ocean from the Delmarva Peninsula and passing to the southeast of Cape Cod resulted in a strong nor'easter with heavy snow and blowing and drifting snow, except over the southeast portion of the state. Snowfall amounts of 6 to 15 inches fell from the Boston metro area west and north. Over southeast Massachusetts there was three to six inches of snow before a change to rain. Less than three inches fell over Cape Cod and the Islands. Worcester reported a total of 14.8 inches when light snow ended on March 4th. The total for the season there reached 88.0 inches. The National Weather Service at Boston's Logan International



## Storm Data and Unusual Weather Phenomena

March 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Character of Storm
					Killed	Injured	Property	Crops

Airport measured 7.8 inches bringing the seasonal snowfall total to 89.3 inches and establishing a new record for any season since records began in 1891-92. The old record was 89.2 inches in 1947-48.

Strong to gale force northeast winds accompanied this storm with gusts to 40 to 60 mph and piled up snow in two to three foot drifts, especially in central Massachusetts. In Marlboro, a 60- by 100-foot section of roof collapsed at an automobile dealership. Most fortunately, this occurred at 0430 EST on the morning of March 4th, when nobody was in the building. Damage was estimated at \$500,000. Schools and businesses were closed and highway travel severely disrupted by this storm.

**MAZALL**      **10    0300EST-  
          1700EST**      **0    0    ?    0    Heavy Rain**

A mix of snow and sleet, which began during the afternoon and evening of March 9th, changed to freezing rain and then heavy rain. Precipitation totals of 1.5 to 3 inches were recorded across the state over a period of 12 to 15 hours. The heavy precipitation combined with melting snow to produce considerable urban street and basement flooding in the usual flood prone areas. Small streams reached near bankfull levels. The greatest precipitation totals were recorded in the central and eastern portion of the state.

**MAZ004-005-010**      **16-   1800EST-  
         17   0500EST**      **0    0    0    0    Heavy Snow**

Heavy snow fell in parts of central Massachusetts with totals of 12 inches in Ashburnham, 11 inches in Ware, 10 inches in Ayer, and eight inches in Maynard. The heaviest amounts occurred in the higher elevations.

**MAZ015-022**      **20    0700EST-  
          0930EST**      **0    0    0    0    Snow Squalls**

Brief snow squalls moved across eastern Massachusetts and deposited a few tenths of an inch of snow. This boosted the final seasonal snowfall total at Boston to a new record of 95.2 inches. The old record was 89.2 inches in 1947-48. At Chatham, on Cape Cod, the final seasonal snowfall total reached 65.8 inches, which also was a new record.

**MAZ002-008**      **21-   2100EST-  
         22   0500EST**      **0    0    0    0    Heavy Snow**

Heavy snow fell in parts of Franklin County, with reports of 6 to 10 inches in the higher elevations.

**MAZ005**      **28-   0000EST-  
Billerica    29   1800EST**      **0    0    ?    0    Flood**

The Concord River overflowed its banks as a result of heavy rain and snowmelt. A total of 13 streets were inundated and five families were evacuated from their homes. The flooding affected an area which is normally flooded by a minor river flood. Residents were not surprised, since the must be prepared for the often annual event.

### MASSACHUSETTS Cont'd

**MAZ004-013-016**      **29    0700EST-  
          1800EST**      **0    0    0    0    Snow**

Snow accumulated up to several inches on the highest elevations across the state. The National Weather Service at Worcester Municipal Airport, elevation one thousand feet, recorded 3 inches of snow, boosting the final seasonal snowfall total to 100.2 inches. This was the third greatest total on record, after 120.1 inches in 1992-93 and 104.3 inches in 1961-62. At the Blue Hill Observatory, elevation 635 feet, in Milton, a total of 2.2 inches brought the seasonal total to 101.1 inches. This was the 7th greatest total on record and the most in any season since 109 inches in 1966-67.

### MICHIGAN

**MIZ056**      **01    0000EST-  
Ottawa County   05   1235EST**      **0    0    5    0    Flood**

This event began February 25. An ice jam on the Grand River in northern Ottawa County caused a backup of river water in Robinson Township. The water was five to seven feet deep on roads adjacent to the river. Residents of 41 homes near the river were evacuated. High water and ice caused at least \$260,000 worth of damage to boat docks at river marinas. (The damage amount is

## Storm Data and Unusual Weather Phenomena

March 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Property		Crops	Character of Storm
					Killed	Injured					

the combined total for the entire event, not just that which occurred in March. That total damage amount for just March alone is not known.)

### MIZ059 South-Central Lower

**00 0000EST-**  
**02 1300EST**                      **0    0    0    0    Flood**

On February 28th, as continuing warm temperatures caused ice break up and runoff from snow melt, an ice jam was reported along a mile stretch of the Looking Glass River between Grange and Howe Roads, just downstream of the forecast point. The Looking Glass River at Eagle, Michigan, went above its flood stage of six feet on February 28th, crested near 6.2 feet on March 1st, and fell below flood stage on March 2nd. Only minor flooding occurred and no damages were reported for this event.

### MIZ046 Central Lower

**06 1400EST-**  
**08 1500EST**                      **0    0    0    0    Flood**

On March 5th and 6th, a third to a half an inch of rain fell in 24 hours over snow on frozen soils (with maximum temperatures in the 50s) and caused the ice choked Chippewa River at Mt. Pleasant to rise out of its banks and flood low lying areas along the river. The Chippewa River at Mt. Pleasant, Michigan, went above its flood stage of eight feet on the 6th, crested near 9.5 feet on the 7th, and fell below flood stage on the 8th. Only minor flooding occurred and no damages were reported for this event.

### MIZ057 Southwest Lower

**08 1345EST-**  
**09 1400EST**                      **0    0    1    0    Flood**

On March 5th and 6th, a third to a half an inch of rain fell in 24 hours over snow on frozen soils (with maximum temperatures in the 50s) and caused the ice choked Grand River at Comstock Park to rise out of its banks and flood low lying areas along the river. The Grand River at Comstock Park, Michigan, went above its flood stage of 12 feet on the 8th, crested near 12.3 feet that evening, and fell below flood stage on the 9th. The high water caused some minor basement flooding in nearby homes.

### MIZ016>019- Northern Lower Michigan

**12 1100EST-**  
**12 1800EST**                      **0    0    0    0    Heavy Snow**

An occluded front, in combination with strong low level wind convergence, resulted in a heavy snow burst over Charlevoix, Emmet, Cheboygan, and Presque Isle Counties of extreme northern Lower Michigan. Snowfalls over these four counties were fairly uniform around six inches. South

### MICHIGAN Cont'd

of this area, snowfalls of two to four inches fell as far south as a Traverse City to Oscoda line. Most of this snow fell in 4 hours from around 1100 EST to 1500 EST. The eastern Upper Peninsula had one to two inches from this event.

### MIZ024-026>030- 034>036-049 North-Central Lower Michigan

**17 2000EST-**  
**18 1700EST**                      **0    0    0    0    Heavy Snow**

A storm system tracked eastward, just south of Michigan, during the evening hours of Thursday, March 17th, to Northern Ohio by the afternoon hours of Friday, March 18th. This resulted in some snowfall in every county in the state. The heavy snow, six to seven inches, fell over north-central Lower Michigan in a 40 mile wide area that extended from near Traverse City on the west to Oscoda on the east side of Lower Michigan. Two to four inches of snow fell over the rest of Lower-Central Lower Michigan. East and central Upper Michigan had three to five inches of snow, while western Upper and extreme Southern Lower Michigan had an inch or less. Most (four to five inches) of the six to seven inch snowfall fell in a 10 hour period from 2200 EST on the 17th to 0800 EST on the 18th. Several dozen accidents occurred, most were minor. However, an accident on westbound Michigan Route 90, at 0735 EST on the 18th in Sanilac County resulted in one death. The westbound van lost control on the snow covered road and skidded sideways into an eastbound tractor-semitrailer.

## Storm Data and Unusual Weather Phenomena

March 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Character of Storm
					Killed	Injured	Property	Crops

The driver, Geraldine Cunningham, 55 died in the crash. The driver of the truck had only minor injuries. Another accident on eastbound Interstate 94 (south of the heavy snow area), caused the eastbound lane to be closed for almost an hour during the early evening on the 18th, after most of the snow had fallen already. Only minor injuries were reported with the Interstate 94 accident, although traffic was backed up for several hours as a result of the road being closed.

**MIZ007-008-014-015>030**

**Eastern Upper  
and Northern  
Lower Michigan**

<b>20</b>	<b>2000EST-</b>							
<b>21</b>	<b>1200EST</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Freezing Rain</b>

A storm system moved northeast across central Lower Michigan during the morning of the 21st, causing a combination of snow, sleet, and freezing rain over the northern third of Lower Michigan and Eastern Upper Michigan. Ice accumulations of 0.2 to 0.4 inches were common on top of an inch or two of snow over the northern third of Lower Michigan. Over eastern Upper Michigan, about 0.2 to 0.3 inches of ice accumulated on two to three inches of snow. Surprisingly few accidents were reported with this event.

**Van Buren County  
Lacota**

<b>21</b>	<b>0255EST</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Lightning</b>
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Lightning hit a pole barn located at 722 Country Road 681. The lightning caused a fire that resulting in \$30 thousand damage to the pole barn. The barn had no electrical wiring, so the fire was not the result of an electrical short.

**MIZ005-006  
Central Upper  
Michigan**

<b>21</b>	<b>0300EST-</b>							
<b>21</b>	<b>1600EST</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Heavy Snow</b>

The same storm that brought freezing rain to eastern Upper Michigan and northern Lower Michigan gave Marquette and Alger Counties seven to eight inches of snow. This was lake enhanced, heavy snow storm. It resulted from the forced lifting of lake moistened northeast winds by hilly terrain over central Upper Michigan. While the freezing rain did not seem to cause too many problems, the heavy snow caused some power lines to come down, and that resulted in about 1,000 customers losing electrical power during the storm.

**Allegan County  
Wayland**

<b>21</b>	<b>0345EST</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Lightning</b>
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**MICHIGAN Cont'd**

Lightning hit a home on 120th Avenue resulting in \$50 thousand damage. The bolt struck a large maple tree in the front yard of a home, then traveled into the ground through the roots then went into the home through the basement wall. The fire chief, Dick Weick, said " Rocks surrounding the tree were thrown in all directions. Cement along a walkway and patio near the tree was broken and chunky unknowns blown out. Reinforcement wires were standing straight up." A nearby transformer was blown and wires leading to the meter socket were ripped open. Pieces of insulator were strewn over the yard. In the home, the basement window was broken, as were light globes around the house. The basement walls were cracked and in one place the house was lifted off its foundation. Plasterboard in the family room (just a year old) was torn.

**MIZ076  
Southeast Lower**

<b>21</b>	<b>0900EST-</b>							
<b>22</b>	<b>1300EST</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Flood</b>

On March 20th and 21st, thunderstorms resulted in over an inch of rainfall in 24 hours over the Middle Rouge River basin. At the Weather Service Office Detroit, 1.03 inches of rainfall on March 21st set a new record for that date. The heavy rainfall over moist soils caused the Middle Rouge River near Garden City, Michigan, to go above its flood stage of seven feet early in the morning on the 21st, crest at 7.63 feet that afternoon, and fall below flood stage on the 22nd.

**MIZ001>006-009-010  
Western Upper  
Michigan**

<b>22</b>	<b>1600EST-</b>							
<b>23</b>	<b>1600EST</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Heavy Snow</b>

## Storm Data and Unusual Weather Phenomena

March 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
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A strong low pressure system tracked northeast across Northwest Lower Michigan during the early morning hours of the 23rd to Northern Lake Huron Lake by the early afternoon of the 23rd. This resulted in 6 to 12 inches of snow west of a line from Grand Marais to Iron Mountain.

### Isabella County 12 WNW MOP

24 0145EST 0 0 0 0 Hail (0.88)

Three-quarter inch hail was reported at Weidman from fast moving thunderstorm.

### MIZ034 Southeast Roscommon County

29 0000EST-  
29 2200EST 0 0 0 0 Heavy Snow

Heavy snow began falling in a narrow band along a ridge line to the south and southeast of the Houghton Lake area just after midnight. By 0700 EST, 9.8 inches of wet snow had fallen at a location 10.6 miles southeast of the National Weather Service office on the east side of Houghton Lake, or 1.75 miles south of the intersection of West Branch Road (also known as "Old M-55") and F-97 (also known as "Maple Valley Road"). The elevation at this point (1282 MSL) is 132 feet above that of the National Weather Service office and the communities of Prudenville and Houghton Lake (1150 MSL). These communities received barely a trace of snowfall on the morning of the 29th, and the weather office recorded only 0.2 inch of snowfall as of 0700 EST. The snowfall resumed at midday over the area along the ridgeline, and another estimated four inches of wet, melting snow fell by 2200 EST, increasing the snow depth on the ground by two inches by the time it ended. An estimated 0.7 inches of wet snow fell at the weather office during this period, but due to melting, snow depth on the ground never amounted to more than a trace. Approximately 14 inches of snowfall was reported that same day at Twin Lakes (elevation 1197 MSL), two miles south of the location mentioned above. One to two inch snowfalls were reported in the St Helen area, at elevations of 1170 to 1200 MSL. This band of heavy snowfall was unusually narrow, perhaps five miles wide at most. Snowfall in excess of six inches was confined to only the higher elevations of the ridgeline, in a band only two to three miles wide. Snowfall accumulations, at 0700 EST, dropped sharply from around 10 inches at the original location (10.6 miles southeast of the NWS office) to 2 to 4 inches, within one-half mile to the north, a drop of only 35 to 40 feet in elevation. Within four miles north of the ridgeline (elevations of 1180 MSL and less), snow amounts dropped to around a trace.

## MINNESOTA

### MNZ002-003- 011-012-015> 061

### Northern and Central MN

23- 0600CST 0 0 ? ? Heavy Snow and Ice  
24 0800

A late March snowstorm moved across the Central Plains towards the Great Lakes and deposited a band of heavy snow across much of northern Minnesota. A mixture of freezing rain, sleet, and snow fell across a portion of central Minnesota on the evening of the 23rd causing extremely slippery road conditions. Many accidents resulted and several schools and businesses were closed because of the inclement weather.

A band of snow in excess of six inches fell south of a line from near Ada, Norman County, to Ely, St Louis County, and north of a line from Wheaton, Traverse County, to Sandstone, Pine County. The largest snowfall of 10 inches was reported at Cook, St Louis County, Marcell, Itasca County, Bagley and Clearbrook, Clearwater County.

## MISSISSIPPI

### Smith County Taylorsville

01 0910CST 0 0 2 0 Thunderstorm Winds

Several trees were blown down.

### Jasper County Stringer and Bay Springs Harrison County Biloxi Jasper County

01 0926CST 0 0 0 0 Hail (0.75)

01 0930CST 0 0 0 0 Hail (0.88)

## Storm Data and Unusual Weather Phenomena

March 1994

March 1994									
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Character of Storm	
					Killed	Injured	Property	Crops	
6 SSW Heidelberg Jones County	01	0934CST			0	0	0	0	Hail (0.75)
4 NE Sanderville Clarke County	01	0934CST			0	0	0	0	Hail (0.75)
12 West Shubuta Clarke County	01	0934CST			0	0	0	0	Hail (0.75)
Shubuta Harrison County	01	0945CST			0	0	0	0	Hail (0.75)
Gulfport Jackson County	01	1023CST			0	0	0	0	Hail (1.75)
Vancleave Pike County	01	1050CST	1.0	50	0	0	3	0	Tornado (F0)
McComb FSS (MCB) Pike County	09	0754CST			0	0	0	0	Thunderstorm Winds (G50)
Percy Quinn State Park	09	0804CST			0	0	2	0	Thunderstorm Winds
Several trees were blown down.									
Pike County 2 E McComb	09	0810CST			0	2	4	0	Thunderstorm Winds
Numerous trees were blown down. Ten mobile homes were damaged when trees fell on them. Two people were injured when a tree fell across their mobile home.									
Lincoln County 2 S Boque Chitto	09	0820CST			0	0	2	0	Thunderstorm Winds
A couple of trees were blown down along Interstate 55.									
Walthall County 2 N Enon	09	0830CST			0	0	2	0	Thunderstorm Winds
Several trees were blown down across Highway 583.									
Jefferson Davis County Prentiss	09	0845CST			0	0	2	0	Thunderstorm Winds
Several trees and a light pole were blown down.									
MISSISSIPPI Cont'd									
Covington County Seminary	09	0915CST			0	0	2	0	Thunderstorm Winds
Several trees were blown down.									
Jasper County 5 NE Moss	09	0955CST			0	0	0	0	Thunderstorm Winds (G58)
Marion County Sandy Hook	09	1000CST			0	0	2	0	Thunderstorm Winds
Several trees were blown down.									
Lauderdale County 3 NW Vimville	09	1000CST			0	0	2	0	Thunderstorm Winds
A couple of large trees were blown down.									
Lamar County 2 W Purvis	09	1020CST	2.0	50	0	0	3	0	Tornado (F0)
This tornado moved through a sparsely populated area. Several trees were blown down or uprooted.									
Clarke County 8 SW Quitman	09	1030CST			0	0	3	0	Thunderstorm Winds
One house was damaged north of Lake Walkaway.									
Lauderdale County 3 S Meridian	09	1047CST			0	0	2	0	Thunderstorm Winds

## Storm Data and Unusual Weather Phenomena

March 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured		Estimated Damage Property Crops	Character of Storm
								Several trees were blown down.
<b>Forrest County</b> <b>1 SE to</b> <b>2.5 NE Petal</b>	<b>09</b>	<b>1103CST</b>	<b>3.0</b>	<b>60</b>	<b>0</b>	<b>0</b>	<b>4 0</b>	<b>Tornado (F1)</b>
								Many trees and power lines were blown down. Two mobile homes were totally destroyed.
<b>Newton County</b> <b>4 NW Newton</b>	<b>09</b>	<b>1138CST</b>			<b>0</b>	<b>0</b>	<b>1 0</b>	<b>Thunderstorm Winds</b>
								Two trees were blown down.
<b>Lauderdale County</b> <b>Meridian</b>	<b>09</b>	<b>1144CST</b>			<b>0</b>	<b>0</b>	<b>2 0</b>	<b>Thunderstorm Winds</b>
								Several large trees were blown down and blocking Highway 45.
<b>Wayne County</b> <b>3 N Buckatunna</b>	<b>09</b>	<b>1150CST</b>			<b>0</b>	<b>0</b>	<b>2 0</b>	<b>Thunderstorm Winds</b>
								Several large trees were blown down on Highway 45.
<b>Lauderdale County</b> <b>Meridian</b>	<b>09</b>	<b>1210CST</b>			<b>0</b>	<b>0</b>	<b>4 0</b>	<b>Thunderstorm Winds</b>
								A roof was blown off a shop and a house was damaged on Dunrovin Road in southeast Meridian.
<b>DeSoto County</b> <b>Southaven</b>	<b>24</b>	<b>0717CST</b>			<b>0</b>	<b>0</b>	<b>0 0</b>	<b>Hail (0.75)</b>
<b>Lauderdale County</b> <b>Meridian</b>	<b>24</b>	<b>0750CST</b>			<b>0</b>	<b>0</b>	<b>0 0</b>	<b>Hail (0.75)</b>
<b>Marshall County</b> <b>Byhalia</b>	<b>24</b>	<b>0820CST</b>	<b>0.5</b>	<b>50</b>	<b>0</b>	<b>0</b>	<b>2 0</b>	<b>Tornado (F0)</b>
								A tornado briefly touched down in Byhalia knocking some trees down.
<b>Marshall County</b> <b>Slayden</b>	<b>24</b>	<b>0840CST</b>	<b>0.25</b>	<b>25</b>	<b>0</b>	<b>0</b>	<b>2 0</b>	<b>Tornado (F0)</b>
<b>MISSISSIPPI Cont'd</b>								
								A tornado briefly touched down near Slayden with only a few trees knocked down.
<b>Neshoba County</b> <b>4 NNE Philadelphia</b>	<b>24</b>	<b>1245CST</b>			<b>0</b>	<b>0</b>	<b>3 0</b>	<b>Thunderstorm Winds</b>
								The roof of a mobile home was damaged.
<b>Oktibbeha</b> <b>Starkville</b>	<b>24</b>	<b>1245CST</b>			<b>0</b>	<b>0</b>	<b>4 0</b>	<b>Thunderstorm Winds</b>
								The roof of a house was damaged and the entire roof of a mobile home was blown off. Numerous trees and power lines were blown down along a two mile long path of destruction.
<b>Scott County</b> <b>3 W Pulaski</b>	<b>24</b>	<b>1415CST</b>			<b>0</b>	<b>0</b>	<b>0 0</b>	<b>Hail (0.75)</b>
<b>Scott County</b> <b>Forest</b>	<b>24</b>	<b>1430CST</b>			<b>0</b>	<b>0</b>	<b>0 0</b>	<b>Hail (0.75)</b>
<b>Newton County</b> <b>2 S Decatur</b>	<b>24</b>	<b>1558CST</b>			<b>0</b>	<b>0</b>	<b>0 0</b>	<b>Hail (0.75)</b>
<b>Lamar County</b> <b>Lumberton</b>	<b>25</b>	<b>0035CST</b>			<b>0</b>	<b>0</b>	<b>3 0</b>	<b>Hail (1.75)</b>
								Several cars were damaged by golf ball-size hail.
<b>Forrest County</b> <b>Brooklyn</b>	<b>25</b>	<b>0047CST</b>			<b>0</b>	<b>0</b>	<b>2 0</b>	<b>Thunderstorm Winds</b>
								Several trees were blown down.

## Storm Data and Unusual Weather Phenomena

March 1994

March 1994									
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage Property Crops	Character of Storm	
Pearl River County Lumberton	25	1230CST			0	0	3	0	Thunderstorm Winds Hail (1.75)
	25	1230CST			0	0	0	0	
Several trees and power lines were blown down.									
Perry County 4 S Janice	25	1300CST			0	0	2	0	Thunderstorm Winds
	Several trees were blocking Highway 29.								
George County 5 W Lucedale	25	1320CST			0	0	3	0	Thunderstorm Winds
	A shed was blown through the front living room of a house.								
George County 4 SE Lucedale	25	1330CST			0	1	4	0	Thunderstorm Winds
	Numerous trees were blown down across Highway 613. One tree fell on a car and injured the occupant inside.								
George County Lucedale	25	1330CST			0	0	0	0	Hail (0.88)
Washington County Swiftwater	27	1225CST			0	0	0	0	Hail (1.00)
Sunflower County Shaw	27	1240CST			0	0	0	0	Hail (0.75)
Lowndes County Columbus	27	1244CST			0	0	0	0	Hail (1.75)
Hinds County 3 NW Jackson	27	1249CST			0	0	0	0	Hail (0.75)
Issaquena County Fitler	27	1250CST			0	0	0	0	Hail (0.75)
Leflore County 2 W Itta Bena	27	1315CST			0	0	0	0	Hail (0.75)
Hinds County 3 SW Raymond	27	1334CST			0	0	2	0	Thunderstorm Winds
	Several trees were snapped off.								
MISSISSIPPI Cont'd									
Leake County Edinburg	27	1400CST			0	0	2	0	Thunderstorm Winds
	Three trees were blown down.								
Rankin County Flowood	27	1400CST			0	0	5	0	Thunderstorm Winds
	The roof of a hospital, several businesses, and an apartment complex had minor damage. Several trees were blown down. An air pressurized bubble covering a swimming pool was completely blown off.								
Winston County 12 WSW Louisville	27	1410CST			0	0	0	0	Hail (0.75) Thunderstorm Winds
	27	1410CST			0	0	2	0	
Along with dime-size hail minor wind damage occurred.									
Rankin County 3 W Fannin	27	1415CST			0	0	4	0	Thunderstorm Winds
	A partially constructed house on Ross Barnett Reservoir was completely blown down.								
Leake County 4 E Carthage	27	1430CST			0	0	2	0	Thunderstorm Winds
	Several trees were blown down.								
Winston County Louisville	27	1430CST			0	0	2	0	Thunderstorm Winds Hail (0.75)
	27	1430CST			0	0	0	0	

## Storm Data and Unusual Weather Phenomena

March 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage Property Crops	Character of Storm
					Killed	Injured		
A few trees were blown down.								
<b>Neshoba County 6 SSW Philadelphia</b>	27	1435CST			0	0	3 0	Thunderstorm Winds
Several trees were blown down and a house was damaged.								
<b>Neshoba County Philadelphia</b>	27	1445CST			0	0	3 0	Thunderstorm Winds
Strong wind caused some roof damage.								
<b>Lowndes County New Hope</b>	27	1500CST			0	0	0 0	Hail (0.75)
<b>Noxubee County</b>	27	1510CST			0	0	3 0	Thunderstorm Winds
	27	1510CST			0	0	0 0	Hail (0.75)
Numerous reports of dime-size hail, trees blown down, and winds up to 60 mph were received across the county.								
<b>Lowndes County Columbus</b>	27	1515CST			0	0	0 0	Thunderstorm Winds (G54)
<b>Noxubee County Macon</b>	27	1530CST			0	0	0 0	Hail (0.75)
<b>Kemper County 2 SW Klondike</b>	27	1530CST			0	0	2 0	Thunderstorm Winds
Four trees were blown down across Highway 495.								
<b>Lauderdale County 6 SE Meridian</b>	27	1630CST			0	0	3 0	Thunderstorm Winds
A patio deck and part of the roof of a mobile home were blown off.								
<b>Rankin County 2 S Pelahatchie</b>	27	1850CST			0	0	0 0	Hail (0.75)
<b>Hinds County Jackson</b>	27	1900CST			0	0	0 0	Hail (0.75)
<b>MISSISSIPPI Cont'd</b>								
<b>Lauderdale County Marion</b>	27	2045CST			0	0	2 0	Thunderstorm Winds
Two large trees were blown down.								
<b>MISSOURI</b>								
<b>Laclede County Lebanon</b>	06	2020CST			0	0	0 0	Hail (0.75)
<b>Jasper County 5 N Joplin</b>	06	2038CST			0	0	2 0	Hail (1.75)
<b>McDonald County Splitlog</b>	06	2045CST			0	0	2 2	Hail (1.75)
<b>Laclede County Lebanon</b>	06	2120CST			0	0	2 0	Hail (0.75)
<b>Newton County Seneca</b>	06	2128CST			0	0	2 0	Hail (0.75)
<b>McDonald County McNatt</b>	06	2200CST			0	0	2 2	Hail (1.75)
<b>Barry County Cassville</b>	06	2215CST			0	0	2 2	Hail (1.75)
<b>McDonald County Bethpage</b>	06	2232CST			0	0	2 0	Hail (1.00)
Ground covered with up to quarter-size hail.								
<b>Barry County Golden</b>	06	2341CST			0	0	2 0	Hail (1.00)



## Storm Data and Unusual Weather Phenomena

March 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<b>Stone County Lampe</b>	<b>06</b>	<b>2343CST</b>			<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>Hail (1.00)</b>
<b>McDonald County Elkhorn</b>	<b>07</b>	<b>0107CST- 0400CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>2</b>	<b>Flash Flood</b>
	Flash flooding was reported along County Route CC at Elkhorn. A foot of water was over the roadway.								
<b>Newton County Neosho</b>	<b>07</b>	<b>0115CST- 0400CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>4</b>	<b>Flash Flood</b>
	Several homes had to be evacuated due to rising water.								
<b>MOZ073&gt;076- 082&gt;115 Southern Missouri</b>	<b>08 09</b>	<b>1600CST 1230CST</b>			<b>0</b>	<b>0</b>	<b>6</b>	<b>0</b>	<b>Heavy Snow</b>

A major winter storm moved across Arkansas and into the Ohio Valley dumping heavy snow over most of southern Missouri. Snow began falling in southwest Missouri during the afternoon of the 8th and ended across the southeast close to noon on the 9th.

Although snowfall was only four to six inches from Joplin to south of St. Louis, much heavier snow fell from the Branson area towards Cape Girardeau ranging from 8 to 19 inches. The cities of Branson and Poplar Bluff reported 18 inches, West Plains had 15 inches, and Cape Girardeau had 12. There were unofficial reports of 22 inches in sections of Butler County.

Many older roofs on barns and homes collapsed due to the weight of the snow. Numerous boat docks also collapsed in the Branson area damaging several houseboats. The snow also broke tree limbs and caused widespread power outages. There were numerous automobile accidents and several main highways were closed. A 42 year-old man died in Springfield (Zone 90) after his tractor-semitrailer slipped off a U.S. Highway 65 bridge and into Lake Springfield.

### MONTANA

<b>MTZ003,005&gt;009</b>	<b>02 20</b>	<b>0800MST- 0800MST</b>			<b>0</b>	<b>0</b>	<b>6</b>	<b>6</b>	<b>Ice Jam Flooding</b>
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After a very cold and snowy winter across much of Eastern Montana, ice jam flooding was widespread across the eastern half of the state. Ice was quite thick on the rivers and with a rapid warmup during early March, the heavy snowpack over the plains melted rapidly producing a rapid runoff.

On March 2nd rapid snow melt in Winnett caused some flooding.

Missouri Drainage - A large ice jam formed on the Marias River near Shelby on March 3rd which flooded the park south of town. Missouri at Fort Benton also had an ice jam.

Yellowstone drainage - Serious flooding from ice jams caused lots of damage between Miles City and the North Dakota Border. The flooding began near Miles City on the 3rd and moved out of the state by the 6th. Record flows were measured on the Yellowstone, Powder, Tongue, and Rosebud Rivers. At least 52 head of cows were drowned near Savage with roads, crops, etc., underwater all along the Yellowstone. The dike at Miles City had serious damage and the dike at Glendive was nearly topped.

Milk Drainage - Ice jam flooding began at Havre on the 7th and was finally over downstream at Nashua by the 20th. The most serious flooding was between Havre and Malta. Several roads were flooded and several houses surrounded by water.

<b>MTZ003</b>	<b>04</b>	<b>2035MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>High Winds (G55)</b>
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Cut Bank reported a wind gust to 63 mph.

<b>MTZ004</b>	<b>19</b>	<b>0200MST- 0600MST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Heavy Snow</b>
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## Storm Data and Unusual Weather Phenomena

March 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
The Gallatin Valley received four to six inches of snow.									
<b>MTZ003</b>	<b>21</b>	<b>1000MST- 1500MST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>5</b>	<b>High Winds (G51) Dust Storm</b>
Strong winds blew most of the day. Areas of blowing dust caused poor visibilities at times.									
<b>MTZ004,007</b>	<b>23</b>	<b>0100MST- 1100MST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Heavy Snow</b>
Four to eight inches of snow fell across southwest and south-central Montana.									
<b>NEBRASKA</b>									
<b>NEZ033-044 Elkhorn River</b>	<b>01- 06</b>				<b>0</b>	<b>0</b>	<b>6</b>	<b>?</b>	<b>Flood</b>
Ice action and heavy runoff from snowmelt that started in late February continued into early March. The most serious overflows were around the communities of Wisner and West Point. The river at West Point reached over 5 feet above the 12 foot flood stage. The south side of the city of Wisner had damage, mainly near the city park and baseball field. State highways 275 and 32 around West Point were closed for several days.									
<b>NEZ007-011 Ponca Creek Bazile Creek</b>	<b>01- 06</b>				<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Flood</b>
Minor overflows due to snowmelt and ice action caused some minor overflows near Niobrara and Verdel.									
<b>NEZ042-043-044- 050-051 Platte River</b>	<b>05- 06</b>				<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Flood</b>
Ice action caused minor overflows along the Platte River. Small ice jams caused the river to locally overflow around Schuyler and Fremont.									
<b>NEBRASKA Cont'd</b>									
<b>NEZ040-041-047 Loup River North Loup River</b>	<b>01- 06</b>				<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Flood</b>
Ice action and snowmelt caused minor overflows north of St. Paul downstream to Genoa.									
<b>NEZ091-093 Missouri River</b>	<b>05- 06</b>				<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Flood</b>
A large amount of inflow from smaller tributaries caused the Missouri River to slightly overflow , mainly around Brownville where it reached nearly a foot above flood stage.									
<b>NEZ054-055-056 Southern Nebraska Panhandle</b>	<b>17</b>	<b>1800CST 2200CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>?</b>	<b>High Winds</b>
Strong sustained winds of 30 to 45 mph caused a large amount of blowing dust across the southern Nebraska Panhandle. There were a few gusts to near 60 mph that caused minor roof damage and knocked down small tree limbs.									
<b>NEVADA</b>									
<b>Douglas County</b>	<b>14</b>	<b>1500MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>High Wind</b>
Wind gusts to 60 mph were reported in Minden at 1430 MST and again at 2257 MST.									
<b>NVZ008-009</b>	<b>22</b>	<b>1030MST- 1730MST</b>			<b>0</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>High Wind</b>
Strong winds across south-central and extreme southern Nevada caused scattered damage. A mobile home and a large billboard were blown over in Las Vegas were wind gusts were clocked at 50 to 60									

## Storm Data and Unusual Weather Phenomena

March 1994

March 1994									
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Character of Storm	
					Killed	Injured	Property	Crops	
mph. Power lines were blown down in Las Vegas and at Mt. Charleston. Several trees and a modular classroom were blown over in Pahrump. The flag pole of an historic Tonopah hotel was blown down by the wind. A portion of the flag pole hit the hotel, causing minor damage.									
White Pine County Ely	22	1900MST			0	0	3	0	High Wind
A large tree was blown onto a house in Ely, causing minor damage to the roof.									
NEW HAMPSHIRE									
NHZALL	03 04	0400EST- 0800EST			0	0	?	0	Heavy snow
From 6 to 18 inches of snow fell across New Hampshire as a low pressure system tracked northeast through the Gulf of Maine. Most of the snowfall occurred on the 3rd, with the greatest accumulations in the White Mountains and the Monadnock region of southwestern New Hampshire.									
NHZ008-011-012	16 17	1900EST- 0700EST			0	0	?	0	Heavy snow
An upper-level low in conjunction with a developing surface low well off the coast produced 6 to 12 inches of snow across parts of southern New Hampshire, resulting in power outages to over 700 residents.									
NHZ001>004	21 22	2300EST- 1500EST			0	0	?	0	Heavy snow
From 6 to 12 inches of heavy, wet snow fell across much of central and northern New Hampshire as a low pressure center moved northeast through southern New England. Power outages and numerous traffic accidents resulted, including one with a fatality.									
NEW JERSEY, Northern									
NJZ005-006 Northeast New Jersey	02 03	2300EST- 0200EST			0	0	?	0	High Wind (G53)
NEW JERSEY, Northern Cont'd									
NJZ012>014 Coastal New Jersey	02 03	2300EST- 0200EST			0	0	?	0	Coastal Flooding
NJZ001>012 Northern New Jersey	03	0100EST			0	0	?	0	Snow/Ice Storm
A powerful Nor'easter moving northward along the coast caused considerable disruption to residents of the region. Strong northeasterly winds of between 35 and 40 mph prevailed for several hours along coastal sections. Several locations reported gust of around 60 mph. These winds brought down large branches and some relatively small trees. These in turn brought down numerous power lines which left thousands of residents without power. The winds also attributed directly to widespread, but relatively minor coastal flooding along with moderate beach erosion. In addition, snow and ice accumulated between 5 and 11 inches. This caused significant transportation problems for trains, planes and motorist.									
NJZ001-007 Northwest New Jersey	09	1800EST			0	0	0	0	Ice Storm
NJZ003>006-010-012 Northeast New Jersey	10	1100EST- 1300EST			0	0	?	0	Flash Flood
A low pressure center moving eastward along a nearly stationary frontal boundary south of the area, caused a significant amount of precipitation to fall. Across the colder interior sections this precipitation fell as sleet and freezing rain. This caused a significant disruption of transportation and commerce as roadways iced over and became extremely dangerous. Nearer the coast the precipitation fell mainly as rain. However, rainfall ranging between 1.5 and 2.5 inches caused some local flash flooding problems.									
NJZ008 Morris County	29	0500EST			0	0	?	0	Flood

# Storm Data and Unusual Weather Phenomena

March 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Character of Storm
					Killed	Injured	Property	Crops

Minor flooding occurred along the Rockaway River for a couple of days after the area received about two inches of rain.

## NEW MEXICO

<b>NMZ-005-006-007-010-011-012-013-017-025</b>	<b>08</b>	<b>0000MST-2100MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Heavy Snow</b>
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A strong storm system moved eastward across the southern Rockies and produced heavy snow over the northeastern one-third of New Mexico and also the south-central mountains. Amounts of 10 to 17 inches were reported west from Clayton to the high mountain ski areas at Red River and Taos then south to the Sandia Mountains east of Albuquerque. Snow of four to six inches closed Interstate 25 at Las Vegas and Interstate 40 between Santa Rosa and Albuquerque.

<b>NMZ-002-004-005-010-001</b>	<b>12</b>	<b>0600MST-2000MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Heavy Snow</b>
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A cold front moving southward into the eastern plains of New Mexico combined with an upper level storm moving east from California to produce snow across the northern and central mountains. Angel Fire reported 11 inches, while Cedar Crest, east of Albuquerque, received four inches in about an hour.

<b>NMZ-002-004-005-010-011-012-017-025</b>	<b>26</b> <b>27</b>	<b>2100MST-2000MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Heavy Snow</b>
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An upper level storm moved slowly southeast from western Colorado across New Mexico and produced heavy snow over the northern and central mountains. Several mountain ski areas received a welcome late season boost with 12 to 16 inches of fresh powder, but elsewhere snow of three to six inches caused difficult driving and forced closure of the Interstate highway at Las Vegas and also east from Albuquerque. Santa Fe reported numerous auto accidents but injuries were minor.

## NEW YORK, Central

<b>NYZ028-031&gt;066</b>	<b>02</b> <b>04</b>	<b>1800EST-0500EST</b>			<b>0</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>Heavy Snow</b>
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A low pressure system moved northeast along the Atlantic Coast on the 2nd and 3rd of March, dumping heavy snow across much of eastern New York. Snowfall totals ranged from 6 to 30 inches with 30 inches reported at Speculator and Frankfort, 28 inches at Herkimer, 26 inches at Greenfield, 24 inches at North Creek and Little Falls, 23 inches in Rome, and 21 inches in Gloversville. Numerous traffic accidents were reported across the area as a result of the storm.

<b>NYZ026&gt;066</b>	<b>09</b> <b>10</b>	<b>1100EST-1200EST</b>			<b>0</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>Heavy Mix</b>
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A low pressure system moved northeast from the Gulf Coast on the morning of March 9th to the Southern Tier of New York on the morning of March 10th dumping a heavy mix of snow, sleet, and freezing rain across much of eastern New York. Heavy snow fell across extreme northern New York with nine inches reported at Malone, and six inches at Canton and Plattsburgh. Elsewhere several inches of snow fell followed by heavy accumulations of sleet and freezing rain. Numerous power outages were also reported during the storm with at least 14,000 customers without power with many of those in northern Saratoga, Warren, and Washington Counties. In Hartford in Washington County ice-laden pine tree branches fell on Route 196 causing the road to be closed for a time. In addition numerous traffic accidents were reported across the area as a result of the storm.

<b>Rensselaer County</b>	<b>10</b> <b>11</b>	<b>1700EST-1800EST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Flash Flood</b>
<b>Washington County</b>	<b>10</b> <b>11</b>	<b>1700EST-1800EST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Flash Flood</b>
<b>Broome County</b>	<b>10</b> <b>11</b>	<b>2220EST-1935EST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Flash Flood</b>

The combination of runoff from melting snow and ice jams resulted in flooding along the Hoosic

## Storm Data and Unusual Weather Phenomena

March 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Character of Storm
					Killed	Injured	Property	Crops
<p>River in Rensselaer County with flooding reported in Hoosic Falls and Buskirk, along the Owlkill Creek in Washington County with flooding reported in White Creek and along the Occanum Creek in Broome County with flooding reported along Main and Grove Streets in Windsor. Damage from the flooding was minor with basements of houses flooded.</p>								
Broome County	22	2105EST-						
	23	1045EST			0	0	3	0
								Flash Flood
<p>An ice jam formed on the Susquehanna River at Conklin resulting in minor flooding along River Blvd.</p>								
Tioga County	24	0023EST-						
	26	1540EST			0	0	3	0
								Flood
Broome County	24	2255EST-						
	26	0640EST			0	0	3	0
								Flood
Tioga County	28	1645EST-						
	29	0415EST			0	0	3	0
								Flood
<p>A combination of rain and runoff from melting snow resulted in minor flooding along the Susquehanna River. Minor flooding and flood damage to basements was reported along the Susquehanna River from Conklin to Waverly.</p>								
Mid-Hudson Valley, Catskills and Capital District	monthlong				0	0	0	0
								Drought
<p>The drought warning issued by the New York State Drought Management Task Force was downgraded to a drought advisory on March 21, 1994, as the usable storage in the New York City water supply system reached 73.9 percent. The drought advisory was in effect for Delaware, Dutchess, Greene, Otsego, Schoharie, Sullivan, and Ulster Counties.</p>								
Areawide	monthlong				1	1	6	0
								Snow
<p>Excessive snow and ice buildup during the month of March resulted in numerous reports of roof collapsing across eastern New York. Many different types of buildings were affected including</p>								
<b>NEW YORK, Central Cont'd</b>								
<p>department stores, bowling alleys, homes, barns, historic landmarks, and factories. A 51-year-old man was killed when his back porch collapsed on top of him on March 12 in Stoney Creek. The porch collapsed due to excessive buildup of ice and snow. In Cortland a woman was injured when a large block of ice slid off her roof and struck her in the back on March 27. (M510)</p>								
Broome County Binghamton	season				0	0	0	0
								Record Snow
<p>The seasonal snowfall record was broken at the Binghamton Regional Airport, located 10 miles north of the City of Binghamton. The seasonal snowfall record was broken at 0400 EST on March 15, 1994, when the seasonal snowfall total reached 123.1 inches of snow. This surpassed the previous seasonal snowfall record of 122.7 inches of snow set during the winter of 1992-93. The total 1993-94 seasonal snowfall reached 131.3 inches at Binghamton.</p>								
<b>NEW YORK, Coastal</b>								
NYZ071>081	02	2300EST-						
Coastal New York	03	0500EST			0	0	?	0
								High Wind (G53)
NYZ072>081	02	2300EST-						
Coastal New York	03	0300EST			0	0	?	0
NYZ067>077-080	03	0300EST			0	0	?	0
Southeast New York								Coastal Flooding Snow/Ice Storm

A powerful Nor'easter moving northward along the coast caused considerable disruption to residents of the region. Strong northeasterly winds of between 35 and 40 mph prevailed for several hours along coastal sections. Several locations reported gust of around 60 mph. These winds brought down large branches and some relatively small trees. These in turn brought down numerous power lines which left thousands of residents without power. The winds also attributed directly to widespread, but relatively minor coastal flooding along with moderate beach erosion. One home was destroyed on Dune road on eastern Long Island. In addition, snow and ice accumulated between five and eight inches. This caused significant transportation problems for trains, planes, and motorists.

## Storm Data and Unusual Weather Phenomena

March 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

<b>NYZ067-068</b> <b>Interior Southeast</b> <b>New York</b>	<b>09</b>	<b>1800EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Ice Storm</b>
<b>NYZ070-071</b> <b>Westchester County</b>	<b>10</b>	<b>1100EST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>0</b>	<b>Flash Flood</b>

A low pressure center moving eastward along a nearly stationary frontal boundary south of the area, caused a significant amount of precipitation to fall. Across the colder interior sections this precipitation fell as sleet and freezing rain. This caused a significant disruption of transportation and commerce as roadways iced over and became extremely dangerous. Nearer the coast the precipitation fell mainly as rain. However, rainfall ranging between 1.5 and 2.5 inches caused some local flash flooding problems.

### NEW YORK, Western

<b>NYZ008-017-018-021&gt;025</b>	<b>03</b>	<b>2130EST</b>			<b>0</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>Heavy Snow</b>
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Low pressure off the New Jersey coast brought heavy snow to the Central Southern Tier Counties and Eastern Finger Lakes Region. The heaviest snowfall extended east of a line from Elmira to Ithaca to Syracuse. States of Emergency were declared in several counties. Specific reports included: eight inches at Lowville and Whitesville; 18 inches at Ithaca; 21 inches at Locke; 22 inches at Corning; 23 inches at Tully; 25 inches at Elmira; and 33 inches at Burdett.

<b>NYZ001&gt;003-010-011-019</b>	<b>10</b>	<b>0200EST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Heavy Snow</b>
<b>NYZ007-008</b>	<b>10</b>	<b>0700EST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Heavy Snow</b>

Low pressure moved from Western Pennsylvania across Central New York to Northern New England. The snow brought a mix of snow and sleet to Western New York. Through the northern portions of the area, slightly colder air resulted in more snow than sleet and amounts of six to eight inches were recorded. Specific reports included: Westfield 10 inches; Lockport eight inches; and

### NEW YORK, Western Cont'd

Watertown and Tonawanda seven inches.

<b>NYZ005-016&gt;018</b>	<b>23</b>	<b>1900EST</b>			<b>0</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>Flood</b>
<b>NYZ003</b>	<b>23</b>	<b>2130EST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Flood</b>
<b>NYZ003</b>	<b>24</b>	<b>1145EST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Flood</b>
<b>NYZ020</b>	<b>25</b>	<b>0400EST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Flood</b>

Rainfall combined with snowmelt to produce flooding along some area rivers and creeks. The Seneca River overflowed its banks in parts of Onondaga, Seneca, and Cayuga Counties. In Monroe County, the Black Creek at Churchville reached flood stage on the 23rd and the Oatka Creek reached flood stage at Garbutt on the 24th. At Olean, in Cattaraugus County, flooding along the Allegany River closed a portion of West River Road. Lowland and minor flooding was reported along each.

### NORTH DAKOTA

<b>NDZ009-017-Part of northwest North Dakota</b>	<b>05-07</b>				<b>0</b>	<b>0</b>	<b>6</b>	<b>6</b>	<b>Flood</b>
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The combination of ice jams and snow melt caused flooding along the Yellowstone River, and at the confluence of the Yellowstone and Missouri rivers. About 10,000 acres of prime farmland was flooded. Farm homes and buildings became accessible only by boat. Residents in the flooded areas were forced to leave.

The floodwater drowned deer and other wildlife, damaged primary irrigation canals, and closed Highways 58 and 200.

<b>NDZ013-033-Small parts of western and central North Dakota</b>	<b>07</b>	<b>1200CST-1700CST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>High Winds</b>
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Windy conditions prevailed over all of North Dakota on the 7th. The winds reached the High Winds

## Storm Data and Unusual Weather Phenomena

March 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Character of Storm
					Killed	Injured	Property	Crops

category over a few areas in the state. A gust to 64 mph was recorded at a radio station in Rugby, in north-central North Dakota. Meanwhile in southwest North Dakota, sustained winds of 40 mph persisted at the Dickinson airport for four hours.

### NDZ008-016- Part of extreme northeast North Dakota

17 1500CST-  
2200CST 0 0 0 0 Heavy Snow

Between six and eight inches of wet snow fell over Walsh and Pembina Counties, in extreme northeast North Dakota.

### NDZ034-035-039>046-053- A large part of southwest and south-central North Dakota, and a small part of southeast North Dakota

22 2100CST-  
24 0200CST 0 0 0 0 Heavy Snow

Up to 14 inches of heavy wet snow fell over much of southern North Dakota. The snow began in southwest and south-central North Dakota the night of the 22nd, persisted throughout the day on the 23rd, then ended that evening. In southeast North Dakota, the snow began later on the 23rd and lasted late into the night.

The heaviest snowfall occurred in the southwest and south-central sections, near the South Dakota border. Twelve inches of snow was reported in Bowman, in the southwest corner of the state. About eight inches of snow fell in the cities of Bismarck and Fargo.

## OHIO

### OHZ066>069-074>076- 081-084>086 Southeast Ohio

02 1700EST-  
03 0500EST 0 0 3 0 Heavy Snow

Rain changed to freezing rain and then to wet snow. A light glaze of ice became covered with two to four inches of snow making for difficult travel.

### Williams County Stryker

07 0700EST-  
11 0900EST 0 0 0 0 Flood

A combination of rain and snowmelt caused the Tiffin River at Stryker to exceed flood stage of 11 feet. The river crested at 12.8 feet at 2300 EST on the 8th. Flooding was confined to low land areas along the river.

### OHZ010-012>014- 019>022-028>031- 037-042-046-047- 051>056-060>062- 070>072-077-078- 080 Southwest through Northeast

09 0400EST-  
10 0100EST 0 0 5 0 Heavy Snow

Snow accumulated an average of four to six inches with eight inches reported on some of the higher hills. Snow occasionally mixed with sleet and freezing rain. Some trees and power lines were downed due to the weight of the ice and snow.

### OHZ023-032-033- 038>040-048-057- 065-066-073>076- 079-081-082-088 South and East Central, Northeast

09 0800EST-  
10 0300EST 0 14 6 0 Ice Storm

A mixture of snow, sleet, and freezing rain occurred with many areas averaging about 1/2 inch ice buildup. Snow accumulations averaged one to three inches. Numerous trees and power lines were downed by the weight of the ice and snow, some severely damaging homes and automobiles. A

## Storm Data and Unusual Weather Phenomena

March 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Character of Storm
					Killed	Injured	Property	Crops
number of accidents were reported due to falls.								
<b>OHZ013-014</b>	<b>16</b>	<b>0300EST-</b>						
<b>Extreme Northeast</b>	<b>16</b>	<b>1100EST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>
<b>Ohio (snowbelt)</b>								<b>Heavy Snow</b>
Snow and snow squalls accumulated an average four to eight inches with a maximum of 12 inches reported in Jefferson (Ashtabula County).								
<b>OHZ054&gt;057-063&gt;088</b>	<b>18</b>	<b>1155EST-</b>						
<b>Southern Half</b>	<b>18</b>	<b>1830EST</b>			<b>0</b>	<b>2</b>	<b>5</b>	<b>0</b>
								<b>High Winds</b>
Winds gusted to 60 mph or higher for several hours after the passage of a cold front from west to east. Ohio University (Athens County) reported a peak wind of 62 mph at 1434 EST. A number of downed trees, limbs and power outages were reported. Several mobile homes in transport were toppled, with two injuries reported during two separate accidents. The roof of a warehouse in Marietta (Washington County) was removed by the high winds.								
<b>Athens County</b>	<b>21</b>	<b>1600EST</b>			<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>
<b>Albany</b>								<b>Lightning</b>
Two boys were struck by lightning walking home on a street during a thunderstorm. An 11-year-old that was struck on the head never regained consciousness and died and a 13-year-old was seriously injured. The boy's sister was walking with them and was not hit.								
<b>Carroll County</b>	<b>21</b>	<b>1800EST-</b>						
<b>Countywide</b>	<b>21</b>	<b>2140EST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>
								<b>Flash Flood</b>
<b>OHIO Cont'd</b>								
Heavy thunderstorm rains of one to four inches resulted in flooding of poor drainage areas, basements and streets. At least one road south of Carrollton had to be closed due to high water.								
<b>Hardin County</b>	<b>23</b>	<b>2340EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>East half</b>								<b>Hail (1.00)</b>
<b>Marion County</b>	<b>24</b>	<b>0045EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Northeast part</b>								<b>Hail (0.75)</b>
<b>Crawford County</b>	<b>24</b>	<b>0053EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Bucyrus</b>								<b>Hail (0.75)</b>
<b>Clark County</b>	<b>24</b>	<b>0115EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Northeast part</b>								<b>Hail (0.75)</b>
<b>Morrow County</b>	<b>24</b>	<b>0120EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Mt. Gilead</b>								<b>Hail (0.75)</b>
<b>Richland County</b>	<b>24</b>	<b>0138EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>South half</b>								<b>Hail (0.75)</b>
<b>Licking County</b>	<b>24</b>	<b>0308EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Newark</b>								<b>Hail (1.00)</b>
<b>Muskingum County</b>	<b>24</b>	<b>0343EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Zanesville</b>								<b>Hail (1.00)</b>
<b>OKLAHOMA</b>								
<b>Blaine County</b>	<b>03</b>	<b>2130CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>?</b>
<b>NR Geary</b>								<b>High Wind</b>
Strong winds not associated with a thunderstorm damaged the roof of a barn near Geary.								
<b>Nowata County</b>	<b>06</b>	<b>2125CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>
<b>Wann</b>								<b>Hail (0.75)</b>
<b>Nowata County</b>	<b>06</b>	<b>2140CST</b>	<b>0.1</b>	<b>30</b>	<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>
<b>1 WSW Lenapah</b>								<b>Tornado (F0)</b>
<b>Nowata County</b>	<b>06</b>	<b>2145CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>
<b>Lenapah</b>								<b>Hail (1.75)</b>
<b>Ottawa County</b>	<b>06</b>	<b>2200CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>
<b>Narcissa</b>								<b>Hail (0.75)</b>
<b>Craig County</b>	<b>06</b>	<b>2215CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>
<b>Welch</b>								<b>Hail (0.75)</b>



## Storm Data and Unusual Weather Phenomena

March 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured		Estimated Damage Property Crops	Character of Storm
<b>Ottawa County</b> <b>5 E Miami</b>	<b>06</b>	<b>2240CST</b>			<b>0</b>	<b>0</b>	<b>?</b> <b>?</b>	<b>Hail (0.75)</b>
Severe thunderstorms developed in extreme northeast Oklahoma during the evening of March 6th and produced large hail and one small tornado. The tornado touched down briefly one mile west southwest of Lenapah at 2140 CST. Trees and fences were downed by this F-0 tornado, but no other damage occurred as a result of the tornado. Golf ball-size hail fell at Lenapah, and dime-size hail fell at Wann, Welch, Narcissa, and five miles east of Miami.								
<b>Cotton County</b> <b>Temple</b>	<b>07</b>	<b>1900CST</b>			<b>0</b>	<b>0</b>	<b>?</b> <b>?</b>	<b>High Wind</b>
Strong winds not associated with a thunderstorm blew a tree down in Temple.								
<b>Comanche County</b> <b>W Lawton</b>	<b>07</b>	<b>2049CST</b>			<b>0</b>	<b>0</b>	<b>?</b> <b>?</b>	<b>Hail (0.75)</b>
<b>Comanche County</b> <b>E Medicine Park</b>	<b>07</b>	<b>2100CST</b>			<b>0</b>	<b>0</b>	<b>?</b> <b>?</b>	<b>Hail (0.75)</b>
<b>Tillman County</b> <b>Davidson</b>	<b>07</b>	<b>2105CST</b>			<b>0</b>	<b>0</b>	<b>?</b> <b>?</b>	<b>Hail (0.75)</b>
<b>Caddo County</b> <b>Apache</b>	<b>07</b>	<b>2110CST</b>			<b>0</b>	<b>0</b>	<b>?</b> <b>?</b>	<b>Hail (1.00)</b>
<b>Caddo County</b> <b>1.5 S Apache</b>	<b>07</b>	<b>2115CST</b>			<b>0</b>	<b>0</b>	<b>?</b> <b>?</b>	<b>Hail (1.00)</b>
<b>Tillman County</b> <b>8 SW Frederick</b>	<b>07</b>	<b>2125CST</b>			<b>0</b>	<b>0</b>	<b>?</b> <b>?</b>	<b>Hail (1.75)</b>
<b>OKLAHOMA Cont'd</b>								
<b>Grady County</b> <b>7 NNW Chickasha</b>	<b>07</b>	<b>2140CST</b>			<b>0</b>	<b>0</b>	<b>?</b> <b>?</b>	<b>Hail (0.75)</b>
<b>Tillman County</b> <b>4 NW Grandfield</b>	<b>07</b>	<b>2145CST</b>			<b>0</b>	<b>0</b>	<b>?</b> <b>?</b>	<b>Hail (1.00)</b>
<b>Grady County</b> <b>S Pocasset</b>	<b>07</b>	<b>2147CST</b>			<b>0</b>	<b>0</b>	<b>?</b> <b>?</b>	<b>Hail (0.75)</b>
<b>Grady County</b> <b>2.5 N Pocasset</b>	<b>07</b>	<b>2151CST</b>			<b>0</b>	<b>0</b>	<b>?</b> <b>?</b>	<b>Hail (1.00)</b>
<b>Grady County</b> <b>4 E Tuttle</b>	<b>07</b>	<b>2158CST</b>			<b>0</b>	<b>0</b>	<b>?</b> <b>?</b>	<b>Hail (0.88)</b>
<b>Tillman County</b> <b>9 N Grandfield</b>	<b>07</b>	<b>2205CST</b>			<b>0</b>	<b>0</b>	<b>?</b> <b>?</b>	<b>Hail (0.75)</b>
<b>Oklahoma County</b> <b>3 WNW Will</b>								
<b>Rogers Airport</b>	<b>07</b>	<b>2206CST</b>			<b>0</b>	<b>0</b>	<b>?</b> <b>?</b>	<b>Hail (0.88)</b>
<b>Oklahoma County</b> <b>2 WNW Will</b>								
<b>Rogers Airport</b>	<b>07</b>	<b>2206CST</b>			<b>0</b>	<b>0</b>	<b>?</b> <b>?</b>	<b>Hail (1.00)</b>
<b>Oklahoma County</b> <b>Will Rogers</b>								
<b>Airport</b>	<b>07</b>	<b>2207CST</b>			<b>0</b>	<b>0</b>	<b>?</b> <b>?</b>	<b>Hail (0.75)</b>
<b>Oklahoma County</b> <b>W Oklahoma City</b>	<b>07</b>	<b>2215CST</b>			<b>0</b>	<b>0</b>	<b>?</b> <b>?</b>	<b>Hail (0.88)</b>
<b>Cotton County</b> <b>5 SSW Randlett</b>	<b>07</b>	<b>2215CST</b>			<b>0</b>	<b>0</b>	<b>?</b> <b>?</b>	<b>Thunderstorm Winds</b>
<b>Canadian County</b> <b>W Mustang</b>	<b>07</b>	<b>2215CST</b>			<b>0</b>	<b>0</b>	<b>?</b> <b>?</b>	<b>Hail (0.75)</b>
<b>Oklahoma County</b> <b>2 S Arcadia</b>	<b>07</b>	<b>2237CST</b>			<b>0</b>	<b>0</b>	<b>?</b> <b>?</b>	<b>Hail (0.75)</b>
<b>Jackson County</b> <b>9.5 S Altus</b>	<b>07</b>	<b>2245CST</b>			<b>0</b>	<b>0</b>	<b>?</b> <b>?</b>	<b>Hail (0.75)</b>
<b>Comanche County</b> <b>SE Lawton</b>	<b>07</b>	<b>2245CST</b>			<b>0</b>	<b>0</b>	<b>?</b> <b>?</b>	<b>Hail (0.75)</b>
<b>Stephens County</b> <b>Velma</b>	<b>07</b>	<b>2245CST</b>			<b>0</b>	<b>0</b>	<b>?</b> <b>?</b>	<b>Hail (0.75)</b>
<b>Custer County</b> <b>1 S Arapaho</b>	<b>07</b>	<b>2245CST</b>			<b>0</b>	<b>0</b>	<b>?</b> <b>?</b>	<b>Hail (0.75)</b>

## Storm Data and Unusual Weather Phenomena

March 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Character of Storm
					Killed	Injured	Property	Crops
<b>Tillman County</b>								
<b>Loveland</b>	<b>07</b>	<b>2300CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>
<b>Jefferson County</b>								
<b>Waurika</b>	<b>07</b>	<b>2305CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>
<b>Comanche County</b>								
<b>Ft Sill Air</b>								
<b>Force Base</b>	<b>07</b>	<b>2325CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>
<b>Comanche County</b>								
<b>Lawton</b>	<b>07</b>	<b>2325CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>
<b>Comanche County</b>								
<b>2 NE Lawton</b>	<b>07</b>	<b>2327CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>
<b>Tillman County</b>								
<b>Davidson</b>	<b>07</b>	<b>2330CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>
<b>Comanche County</b>								
<b>4 E Lawton</b>	<b>07</b>	<b>2335CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>
<b>Tillman County</b>								
<b>7 ESE Davidson</b>	<b>07</b>	<b>2350CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>
<b>Tillman County</b>								
<b>9 E Davidson</b>	<b>08</b>	<b>0030CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>

Thunderstorms in southwest, south-central, and central Oklahoma during the evening hours on the 7th and the early morning hours on the 8th produced hail up to baseball-size and damaging winds.

Strong thunderstorm winds downed three telephone poles five miles south-southwest of Randlett.

### OKLAHOMA Cont'd

Nickel-size hail covered the ground three miles west-northwest of Will Rogers Airport. Dime-size hail covered the ground just south of Pocasset and seven miles northwest of Chickasha. Quarter-size hail accumulated to a depth of two inches in Davidson.

<b>OK001&gt;003</b>	<b>08</b>	<b>0400CST- 2300CST</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>Heavy Snow</b>
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An approaching strong upper level low pressure system combined with shallow cold air moving into the region from the north and northeast. Strong thunderstorms from the previous evening and during the early morning hours stratified and combined with overrunning to produce a major snow storm for the Oklahoma panhandle where Cimarron and Beaver Counties reported 8 to 12 inches of snow and Texas County reported amounts ranging from 10 to 14 inches. Vehicle accidents and damage to vegetation were accounted for the property loss.

<b>Jackson County</b>	<b>08</b>	<b>0435CST</b>	<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Hail (0.75)</b>
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An isolated thunderstorm in southwest Oklahoma during the early morning hours on the 8th produced dime-size hail in Eldorado.

<b>Northern Oklahoma, Zone 004&gt;026-</b>	<b>08 09</b>	<b>0445CST- 0200CST</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>?</b>	<b>Heavy Snow</b>
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A late season snow storm deposited record amounts of snow in portions of northern Oklahoma. Snowfall amounts were generally between 6 and 10 inches across the northern half of Oklahoma with several locations in excess of one foot. The snow was accompanied by occasional thunder and lightning. Wind gusts in excess of 40 mph resulted in considerable blowing and drifting snow. Snow drifts were up to five feet deep in places. Many schools and several roads were closed, numerous motorists were stranded and several commercial airline flights at Will Rogers Airport were canceled. There were hundreds of traffic accidents which resulted in two fatalities and many injuries. A woman lost her life on route 132 eight miles north of Carrier after the van she was riding slid into another vehicle. Another fatality accident occurred in the 5200 block of South Douglas in Oklahoma City. In a 12-hour period in Oklahoma City, 203 non-injury and 36 injury accidents were reported. The weight of the heavy snow broke off tree limbs in several locations, snapped a wooden warehouse beam at a store in Watonga, and collapsed the roof of the Recreation Center in Canton. A man died of a heart attack while walking from his stranded vehicle seven miles north of Gould in Harmon County.

<b>Eastern Oklahoma Zones 054&gt;071</b>	<b>08</b>	<b>0600CST- 2300CST</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>?</b>	<b>Heavy Snow</b>
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## Storm Data and Unusual Weather Phenomena

March 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Character of Storm
					Killed	Injured	Property - Crops	

Heavy snow fell in northeast and east-central Oklahoma on March 8th. Thunderstorms accompanied the snow in many areas, which added to the snow accumulations. Snowfall amounts across northeast and east-central Oklahoma ranged from 4 to 18 inches, with the heaviest amounts across southern Osage, Pawnee, northern Creek, Tulsa, Wagoner, and eastern Delaware Counties. The town of Pawnee had the greatest official snowfall accumulation with 15 inches, but unofficial amounts of up to 18 inches were reported in eastern Delaware County. The 12.9 inches of snow which fell at the Tulsa International Airport was an all-time record snowfall. The previous record of 11.5 inches occurred on March 20th, 1924. Numerous accidents occurred as a result of the snowfall, and several power outages also occurred. A propane tank truck overturned on icy roads near Pawhuska which resulted in the evacuation of a small area, but no injuries were reported. A convenient store in Checotah had its gas island canopy collapse under the weight of the snow.

<b>Jefferson County</b> <b>6 NW Waurika</b>	<b>08</b>	<b>1205CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Hail (0.75)</b>
<b>Stephens County</b> <b>5 ESE Comanche</b>	<b>08</b>	<b>1225CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Hail (0.75)</b>
<b>Stephens County</b> <b>Velma</b>	<b>08</b>	<b>1235CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Hail (0.75)</b>
<b>Carter County</b> <b>1 N Fox</b>	<b>08</b>	<b>1247CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Hail (0.75)</b>
<b>Caddo County</b> <b>2 N Cyril</b>	<b>08</b>	<b>1250CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Thunderstorm Winds (G57)</b>
<b>Murray County</b> <b>2 NNE Joy</b>	<b>08</b>	<b>1307CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Hail (0.75)</b>
<b>OKLAHOMA Cont'd</b>									

<b>Garvin County</b> <b>3 WSW Pauls Valley</b>	<b>08</b>	<b>1308CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Hail (0.88)</b>
<b>Garvin County</b> <b>1 S Wynnewood</b>	<b>08</b>	<b>1313CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Hail (0.88)</b>
<b>Pontotoc County</b> <b>Fitzhugh</b>	<b>08</b>	<b>1340CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Hail (0.75)</b>

Thunderstorms developed in southern Oklahoma during the early afternoon hours on the 8th and produced hail up to nickel-size and wind gusts up to 65 mph.

A thunderstorm wind gust to 65 mph blew down a three-inch diameter tree and turned a satellite dish out of position two miles north of Cyril.

<b>Hughes County</b> <b>Holdenville</b>	<b>24</b>	<b>0427CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Hail (1.00)</b>
<b>Hughes County</b> <b>N Holdenville</b>	<b>24</b>	<b>0433CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Hail (1.25)</b>
<b>Hughes County</b> <b>3 SE Dustin</b>	<b>24</b>	<b>0545CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Hail (0.88)</b>
<b>Atoka County</b> <b>Lane</b>	<b>24</b>	<b>0815CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Hail (0.75)</b>
<b>Atoka County</b> <b>3 WNW Farris</b>	<b>24</b>	<b>0850CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Hail (0.75)</b>
<b>McCurtain County</b> <b>8 NE Wright City</b>	<b>24</b>	<b>1040CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Hail (0.75)</b>
<b>McCurtain County</b> <b>Glover</b>	<b>24</b>	<b>1045CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Hail (0.88)</b>

Thunderstorms in southeast Oklahoma during the early morning hours on the 24th produced hail up to half dollar size.

<b>McIntosh County</b> <b>0.5 N Hanna</b>	<b>24</b>	<b>0610CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Hail (0.75)</b>
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An isolated severe thunderstorm developed in southwest McIntosh County during the early morning of March 24th. This storm produced penny-size hail which covered the ground to a depth of four inches one half mile north of Hanna. The hail fell in a path one mile long by one mile wide.

<b>Blaine County</b> <b>7.5 W Geary</b> <b>Oklahoma County</b>	<b>26</b>	<b>0815CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Hail (1.00)</b>
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## Storm Data and Unusual Weather Phenomena

March 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Jones Canadian County	26	0829CST			0	0	?	?	Hail (0.88)
1.5 E Niles	26	0855CST			0	0	?	?	Hail (0.88)
Caddo County 3 NW Cyril	26	0933CST			0	0	?	?	Hail (0.88)
Oklahoma County 10.5 WNW Edmond	26	0940CST			0	0	?	?	Hail (0.75)
Logan County 3.5 WSW Guthrie	26	0952CST			0	0	?	?	Hail (0.75)
Logan County Guthrie	26	0959CST			0	0	?	?	Hail (0.75)
Logan County 3 S Guthrie	26	1005CST			0	0	?	?	Hail (0.75)
Oklahoma County Luther	26	1033CST			0	0	?	?	Hail (0.75)
Lincoln County 1 N Wellston	26	1040CST			0	0	?	?	Hail (0.88)
Lincoln County Carney	26	1045CST			0	0	?	?	Hail (0.75)
McClain County 4 NW Newcastle	26	1100CST			0	0	?	?	Hail (0.75)

### OKLAHOMA Cont'd

Thunderstorms in central Oklahoma during the morning hours on the 26th produced hail up to quarter size.

Creek County Sapulpa	26	1131CST			0	0	?	?	Hail (0.88)
Tulsa County Tulsa	26	1138CST			0	0	?	?	Hail (0.75)

Isolated severe thunderstorms developed in northeast Oklahoma during the late morning of March 26th. Dime- to nickel-size hail fell on the north side of Sapulpa, and dime-size hail occurred at KJRH-TV on Peoria Avenue near 34th Street South in the city of Tulsa.

### OREGON

Zones 1-3	20	1200PST-							
	20	2000PST			?	?	?	?	High Wind

An intense Pacific frontal system caused strong southerly winds as it moved onshore in the late afternoon. Numerous stations along the entire Oregon coast reported sustained winds of 35 to 45 mph with gusts in excess of 60 mph. Some peak winds included 76 mph at Cape Blanco on the Southern Coast, 70 mph at Sea Lion Caves on the Central Coast, and 61 mph at Netarts Bay on the Northern Coast.

Zone 6	20	1400PST-							
	21	1600PST			?	?	?	?	Heavy Snow

Heavy snow fell in the Northern Oregon Cascade Mountains in cold moist air followed a strong cold front. Storm totals included 23 inches at Timberline Lodge at the 6000 foot level on Mt. Hood and 16 inches at Santiam Pass.

Zone 1	21	0800PST-							
	21	2400PST			?	?	?	?	Heavy Snow

The snowfall level dropped dramatically in cold moist air behind a coldfront and six inches of snow fell in higher passes through the Northern Coast Range.

Linn County Albany	22	1440PST	Short	3	0	0	2	0	Tornado (F0)
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At 1440 PST a thunderstorm apparently spawned a small tornado near a shopping area in Albany. Several eyewitnesses reported seeing debris rotating up to about 80 feet above the ground as the mini-twister moved across an empty parking lot. As the cloud passed over a large puddle witnesses reported seeing the water sucked up into the funnel along with the rest of the swirling debris. The

## Storm Data and Unusual Weather Phenomena

[illegible]

### Zones 1-3 and 13

**? ? ? ? Heavy Snow**

**Grant County  
Prairie City  
Austin**

**? ? ? ? Heavy Snow**

## PENNSYLVANIA, Western

0	1	6	0	Heavy Snow/Blizzard/ Avalanche
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A major east coast winter storm moved northeast along the Mid Atlantic Coast. Heavy snow fell from West Virginia northward into New England. Snowfall across Pennsylvania ranged from six inches in the far western counties, to as much as two feet in the central mountains. The heaviest of the snow fell in Clinton and Centre Counties where blizzard conditions were attained.

Snowfall reports included 28 inches at State College, 24 at Lock Haven, 18 at Johnstown, 17 at Altoona, 14 at Punxsutawney, 10 at Kittanning, nine at Connellsville, eight at Washington, seven at Pittsburgh, and six at Bradford.

The fast accumulating snow forced the closure of many roads, especially in the mountainous area of north-central Pennsylvania. In Clinton County, Avalanches and snowdrifts stranded 25 motorists along State Route 120 between Renovo and Lock Haven. Snow drifts of 8 to 10 feet were reported for a three mile stretch of highway near Baker Run aside Shoemaker Ridge. An avalanche buried five cars under about 20 feet of snow trapping the occupants for 28 hours, beginning at 2330 EST on March 2nd. State Police and Pennsylvania Department of Transportation used snow mobiles and helicopters to locate and rescue people.

The heavy snow, in addition to previous snows during the winter, caused significant damage to property from roof collapses. Many outbuildings, barns, and porch roofs collapsed Statewide. Larger structures included:

Huntington County, Wood Twp., Lions Club building roof collapsed. The roof of the APM Home Center caved-in. A 20,000 square foot industrial shell building collapsed, damage estimated at a t 122,000 dollars.

Blair County, Roaring Spring, Dollar General Store along Rt. 36 had its roof to collapse. In New Enterprise a shelter collapsed damaging three school buses.

Fayette County, Uniontown, a roof collapsed at the Cheslers Furniture Warehouse.

Centre County, Bellefonte, a porch roof collapsed at a mobile home park injuring a man. In Patton Twp., several green houses collapsed at the Lowes Home Center.

<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Flood/Flash Flood</b>
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Minor Flooding was observed along the South Fork of Ten Mile Creek near Route 21.

0 0 0 0 Flood/Flash Flood

## Storm Data and Unusual Weather Phenomena

March 1994

March 1994								
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured		Estimated Damage Property Crops	Character of Storm
								Flooding was observed countywide, with several roads closed from high water. From 0200EST to 0500 EST, Dunknard Creek was out of its banks. Route 2185 was closed near Carmichaels and Route 88 was closed near Fredricksburg.
Fayette County Brownsville	10	0230EST			0	0	4 0	Flood/Flash Flood
								Redstone Creek was out of its banks at Brownsville. In Whitsett, 10 to 20 basements were flooded by melting snow not being able to soak into the ground.
PAZ002>005-011 Inland Erie Crawford Warren McKean Cameron	10	0400EST			0	0	0 0	Heavy Snow
								Heavy snow fell over extreme northern Pennsylvania before changing to freezing rain. Snow totals included, eight inches at Lowville, seven at Smethport, six at both Emporium and Conneautville.
Allegheny County Pittsburgh	10	0430EST			0	0	0 0	Flood/Flash Flood
								Brush Creek flowed out of its banks.
PENNSYLVANIA, Western Cont'd								
Washington County Countywide	10	0600EST-1000EST			0	0	0 0	Flood/Flash Flood
								Flooding from Buffalo Creek closed Route 221 near Taylertown. Pigeon Creek near Bentleyville was out of its banks closing several township roads.
PAZ005-006-010-011-012-017-18-019-024>028-033-034>036 Northern, Central, and Southern Mountains	10	0630EST			0	0	5 0	Ice
								Rain which caused flooding over southwest Pennsylvania, fell as freezing rain along and just east of the central Pennsylvania Ridges. Ice accumulations ranged from 0.25 to 0.75 of an inch.
								In Clearfield County, a roof of a museum collapsed damaging several vintage cars. In Blair County, four picnic pavilions and a roof to the bumper car ride collapsed; damage was estimated at \$100,000.
Washington County Charleroi	10	1830EST			0	0	0 0	Flood
								The Monogahelia River crested at 29.7 feet. Flood stage is 28 feet. Minor flooding was observed.
Allegheny County Pittsburgh	15	1810EST			0	0	0 0	Thunderstorm Winds (G52)
								A wind gust to 60 mph was reported at the Carnegie Science Center.
Westmoreland County Lower Burrell Latrobe	15 15	1825EST 1840EST			0 0	0 0	0 ? 0	Thunderstorm Winds Lightning
								Trees were downed near Wildlife Lodge Road. A two-propeller Beechcraft enroute from Philadelphia to Pittsburgh was struck by lightning near Latrobe. Smoke filled the cockpit, but no injuries were reported. The plane safely landed at Allegheny County Airport.
PAZ019 Centre	15	1900EST			0	0	4 0	Heavy Snow
								The combination of heavy snow and wind caused a Dining Hall Roof to Collapse at the Seven Mountains Boy Scout Camp in Potters Mills.
Bedford County Countywide	15	2300EST			0	0	0 0	Flood/Flash Flood
								Minor flooding observed along Bobs Creek, Shobers Run, and Dunning Creek.

## Storm Data and Unusual Weather Phenomena

March 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured		Estimated Damage Property Crops	Character of Storm
<b>PAZ024 Cambria</b>	<b>16</b>	<b>1330EST</b>			<b>0</b>	<b>10</b>	<b>5 0</b>	<b>Heavy Snow</b>
A nine vehicle accident occurred along Route 19 near Jerome, Pennsylvania, caused by whiteout conditions from a heavy snow shower. Ten people were injured. Four cars, tow pickups, and three large trucks were involved in the accident, one of which was a tanker carrying 8,000 gallons of gasoline.								
<b>Green County Countywide</b>	<b>21</b>	<b>1857EST- 2300EST</b>			<b>0</b>	<b>0</b>	<b>0 0</b>	<b>Flood/Flash Flood</b>
State Route 218 was closed by flooding from Smith Creek. Minor flooding observed throughout the County.								
<b>Washington County Canonsburg</b>	<b>21</b>	<b>1900EST- 2300EST</b>			<b>0</b>	<b>0</b>	<b>0 0</b>	<b>Flood/Flash Flood</b>
Stream flooding was observed in Cecil and Chartiers Townships. Parts of Georgetown and Burnside roads were closed from Chartiers Creek and Brush Run.								
<b>PENNSYLVANIA, Western Cont'd</b>								
<b>Indiana County Indiana</b>	<b>21</b>	<b>1939EST</b>			<b>0</b>	<b>1</b>	<b>5 0</b>	<b>Flash Flood</b>
Streams throughout Indiana Borough and White Township were out of their banks. Roads closed included Route 553 near Penn Run, and Route 422 from a mud slide. A road was also washed out near Green Valley Estates.								
In Indiana, water collected in basements, setting washers and dryers afloat. A 9-year-old girl grabbed a tree after being swept about half a block by rushing water. The girl and her mother were wading high water covering a city street when the girl slipped. She was taken to the area hospital to be treated.								
<b>Beaver County Ellwood City</b>	<b>21</b>	<b>2100EST</b>			<b>0</b>	<b>0</b>	<b>3 0</b>	<b>Flood/Flash Flood</b>
The Connoquenessing Creek caused flooding in North Sewickley and Franklin Townships. Country Club Road, Lee Road, and Rustic Park Road were closed. Route 288 was also closed.								
<b>Butler County 7 SE Butler</b>	<b>21</b>	<b>2208EST</b>			<b>0</b>	<b>0</b>	<b>2 0</b>	<b>Flood/Flash Flood</b>
Minor flooding was observed along Thorn Creek. Several roads were closed and basements flooded at Zelienople from the Connoquenessing Creek.								
<b>Bedford County Countywide</b>	<b>22 25</b>	<b>1700EST- 2000EST</b>			<b>0</b>	<b>0</b>	<b>3 0</b>	<b>Flood/Flash Flood</b>
Widespread flooding was observed countywide for over three days. Runoff from snowmelt and rainfall caused flooding of Bobs Creek, Dunning Creek, Potter Creek, and Shobers Run. The Raystown Branch of the Juniata River was out of its banks at Bedford.								
<b>Huntingdon County Countywide</b>	<b>23 25</b>	<b>2145EST- 0700EST</b>			<b>0</b>	<b>0</b>	<b>3 0</b>	<b>Flood/Flash Flood</b>
Widespread flooding was observed for nearly two days. Runoff from snowmelt and rainfall caused flooding along Aughwick Creek at Shirleysburg. Roads closed: Gilvo, McClure, Enyart Schoolhouse, and Aughwick.								
<b>Greene County Countywide</b>	<b>24</b>	<b>0630EST</b>			<b>0</b>	<b>0</b>	<b>0 0</b>	<b>Flood/Flash Flood</b>
Minor flooding observed along small streams.								

## Storm Data and Unusual Weather Phenomena

March 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Character of Storm
					Killed	Injured	Property - Crops	
<b>Jefferson County Summerville</b>	<b>24 25</b>	<b>1930EST- 0200EST</b>			<b>0</b>	<b>0</b>	<b>4    0</b>	<b>Flood/Flash Flood</b>
Snowmelt resulted in rapid rises along the Red Bank Creek at Summerville. Water Street in Summerville was closed and under approximately one foot of water with water rising at a rate of four inches every 10 minutes. Numerous other small streams in the western part of the County were bankfull with low lying areas under water.								
<b>Clearfield County Countywide</b>	<b>24 25</b>	<b>2000EST- 0200EST</b>			<b>0</b>	<b>0</b>	<b>0    0</b>	<b>Flood/Flash Flood</b>
Widespread flooding was observed with several secondary roads closed.								
<b>Huntington County Spruce Creek</b>	<b>25</b>	<b>0030EST</b>			<b>0</b>	<b>0</b>	<b>0    0</b>	<b>Flood</b>
The Little Juniata River crested at 8.64 feet, resulting in minor flooding. Flood stage is 8.0 feet.								
<b>Clinton County Beech Creek</b>	<b>25</b>	<b>0600EST</b>			<b>0</b>	<b>0</b>	<b>0    0</b>	<b>Flood</b>
<b>PENNSYLVANIA, Western Cont'd</b>								
Bald Eagle Creek crested at 11.17 feet, resulting in minor flooding. Flood stage is 11.0 feet.								
<b>Blair County Williamsburg</b>	<b>25</b>	<b>0630EST</b>			<b>0</b>	<b>0</b>	<b>5    0</b>	<b>Flood</b>
The Frankstown Branch of the Juniata River crested at 13.59 feet. Flood stage is 12.0 feet. Basement flooding occurred at Williamsburg and Clappertown. Seven homes were evacuated.								
<b>Indiana County Blairsville</b>	<b>28</b>	<b>1720EST</b>			<b>0</b>	<b>0</b>	<b>0    0</b>	<b>Flood</b>
The Conemaugh Flood Control Dam reached a pool of 968.39 feet. This was the highest it had been since June 25, 1972, when a record 969.0 feet was recorded due to rain from Hurricane Agnes.								
A large area of backwater flooding occurred. Water covered the Bairdstown Bridge and point s upstream from the Dam. The impounded waters extended past Strangford up the Conemaugh and past Josephine on the Blacklick Creek.								
<b>Armstrong County North Apollo</b>	<b>31</b>	<b>0030EST</b>			<b>0</b>	<b>0</b>	<b>0    0</b>	<b>Flood/Flash Flood</b>
Flooding was reported along the Kiskiminetas River.								
<b>RHODE ISLAND</b>								
<b>RIZ001</b>	<b>03</b>	<b>0200EST- 1100EST</b>			<b>0</b>	<b>0</b>	<b>0    0</b>	<b>Heavy Snow</b>
A strong low pressure system moving to the northeast over the ocean from the Delmarva Peninsula and passing to the southeast of Cape Cod resulted in a strong nor'easter with heavy snow and blowing and drifting snow over the northwest corner of the state. Elsewhere, a change to rain took place by 0700 EST and snow amounts ranged from 4.8 inches at Providence to only a couple of inches along the coast. Strong to gale force northeast winds resulted in blowing and drifting snow before the changeover to rain. Schools were closed except on Block Island. Businesses were affected and highway travel was disrupted.								
<b>RIZALL</b>	<b>10</b>	<b>0300EST- 1700EST</b>			<b>0</b>	<b>0</b>	<b>?    0</b>	<b>Heavy Rain</b>
A mix of snow and sleet, which began during the afternoon and evening of March 9th, changed to freezing rain and then heavy rain. Precipitation totals of two to three inches were recorded across the state over a period of 12 to 15 hours. The heavy precipitation combined with melting snow to produce considerable urban street and basement flooding in the usual flood prone areas as small streams reached near bankfull levels. In Providence, there was flooding in the Valley St. and Atwells Ave. area of the Woonasquatucket River.								



## Storm Data and Unusual Weather Phenomena

March 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

### SOUTH CAROLINA

#### Laurens County Laurens

24 1630EST 0 0 5 0 **Lightning**

Lightning-caused fire consumed a large brick home.

#### Anderson County Belton

24 1600EST 0 2 3 0

Lightning killed 5 cows gathered under an isolated clump of pine trees. Two girls were slightly injured when lightning struck their home.

#### Oconee County Long Creek to 1 E Picket Post

27 1515EST-  
1540EST 20 880 0 12 6 6 **Tornado (F3)**

#### Oconee County Long Creek to 1 E Picket Post

27 1515EST 0 0 ? ? **Hail (1.75)**

### SOUTH CAROLINA Cont'd

#### Oconee County Westminister to Walhalla

27 1600EST 0 0 5 ? **Thunderstorm Winds**

#### Oconee County Westminister to Walhalla

27 1600EST 0 0 ? ? **Hail (1.00)**

This tornado crossed the Georgia/South Carolina line near Tallulah Falls at 1515 EST, hit the Long Creek Community at 1519 EST and then moved across much of the northern part of the county, including the area south of Mountain Rest and the Stumphouse Mountain area. The tornado lifted just east of Picket Post, six miles northeast of Walhalla. It was an F3 storm with a one mile width upon crossing the border, but weakened to the upper ranges of F2 for the remainder of its path. Storm width gradually narrowed to 1/4 mile. Property damage was about \$3 million and crop damage to apple orchards and timber another \$2.5 million. Nearly 60 homes in Oconee County were destroyed or severely damaged. The lifting of this tornado apparently ended the path of the tornado which struck Piedmont, Alabama. A second supercell moved from Georgia into Oconee County 30 to 45 minutes after the first. No tornadoes touched down from this storm in Oconee County but high winds caused limited damage under the wall cloud structure of the storm. Large hail fell along both storm tracks.

#### Pickens County 2 N Pickens

27 1615EST 0 0 ? ? **Hail (0.75)**

#### Greenville County Cleveland

27 1615EST 0 0 ? ? **Hail (1.75)**

#### Greenville County and Spartanburg County

#### Gowensville to Arrowwood Community

27 1640EST-  
1659EST 18 5 0 0 3 ? **Tornado (F1)**

#### Spartanburg County Landrum

27 1645EST 0 0 ? ? **Hail (1.75)**

The supercell that caused the Oconee County tornado continued near the mountains across northern Pickens and Greenville Counties then moved into the foothills. Large hail fell along the track and another tornado was generated near the Greenville/Spartanburg County border. This second tornado formed near Gowensville in Greenville County at 1640 EST, entered Spartanburg County at 1641 EST, and tracked across extreme northern Spartanburg County to the Arrowwood Community northwest of Chesnee. Damage resulted to outbuildings, roofs of homes, trees, and powerlines. Storm intensity reached the lower range of F1 before moving into southern Rutherford County, North Carolina, at about 1659 EST. Large hail caused damage in Landrum just north of the tornado track.

#### Pickens County Liberty

27 1648EST 0 0 ? ? **Thunderstorm Winds**

#### Pickens County Liberty

27 1648EST 0 0 ? ? **Hail (0.75)**

## Storm Data and Unusual Weather Phenomena

March 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Spartanburg County and Cherokee County 2 NE Inman to to 3 SE Chesnee	27	1655EST- 1720EST	25	75	0	0	5	0	Tornado (F2)
Spartanburg County NE portion	27	1655EST			0	0	?	?	Hail (1.00)
Greenville County City-view and Berea	27	1700EST			0	0	4	0	Thunderstorm Winds
Greenville County City-view and Berea	27	1700EST			0	0	?	?	Hail (0.75)
Greenville County Taylors and Greer	27	1710EST			0	0	?	?	Thunderstorm Winds
Greenville County Taylors and Greer	27	1710EST			0	0	?	?	Hail (1.00)
Spartanburg County Greenville- Spartanburg Airport	27	1715EST			0	0	?	?	Thunderstorm Winds

### SOUTH CAROLINA Cont'd

The first severe thunderstorm moving across northern Spartanburg County generated a third tornado in South Carolina. This tornado started just northeast of Inman at 1655 EST and moved south of Chesnee into Cherokee County at 1705 EST. The tornado increased to F2 intensity just before crossing into Cleveland County, North Carolina, at 1720 EST. Near the North Carolina border two mobile homes were destroyed, a home was severely damaged and three power transmission towers were torn down. Otherwise, trees and power lines were downed near the track.

A rotating wall cloud continued with the second supercell as it made its way across Pickens, Greenville, and into Spartanburg Counties. A few trees and powerlines were downed and large hail fell. Wind gusts were in the 60-mph-range for the most part under the wall cloud - there was no evidence of rotary winds along the track until later when the storm was crossing Spartanburg. (see below)

Spartanburg County and Cherokee County Lyman to Blackburg	27	1730EST- 1805EST	33	100	0	4	5	0	Tornado (F1)
Oconee County Mountain Rest	27	1745EST			0	0	?	?	Hail (1.00)
Cherokee County Cowpens to Blacksburg	27	1745EST			0	0	?	?	H a i l ( 1 . 7 5 )

The second supercell finally yielded its first tornado in Lyman where damage was primarily to trees and power lines then moved into the northern sections of Spartanburg. Two separate commercial areas were hit with roofing torn off some buildings and substantial damage to a power substation. Trees and power lines were torn down. The tornado skipped along to Cowpens where it crossed into Cherokee County at 1745 EST. The tornado continued on for 15 miles to the Blacksburg area. Four people were injured in cars hit by falling trees. Downed trees and power lines occurred at Cowpens and the funnel was clearly observed by numerous people in downtown Gaffney. By this time damage was restricted to downed trees, some large limbs falling on homes and typical power outages associated with this level of damage. There was a substantial amount of hail damage in and around Gaffney. All evidence indicates the tornado dissipated around Blacksburg. A third severe thunderstorm moved into northern Oconee County causing hail damage.

Oconee County northern portion	27	1800EST			0	0	?	?	Flash Flood
Pickens County north and central portions	27	1800EST			0	0	?	?	Flash Flood

After the third thunderstorm moved across flash flooding resulted with some roads and bridges washed out. Water also entered some structures in flood prone areas.

York County 2 NE Smyrna	27	1825EST			0	0	4	0	Thunderstorm Winds
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## Storm Data and Unusual Weather Phenomena

March 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Character of Storm
					Killed	Injured	Property - Crops	
								Trees Down, power outages, and considerable other minor damage.
<b>York County 7 WSW Clover</b>	<b>27</b>	<b>1828EST</b>			<b>0</b>	<b>0</b>	<b>5 0</b>	<b>Thunderstorm Winds</b>
								Downburst winds during a thunderstorm destroyed a mobile home, damaged a nearby residence and destroyed outbuilding and felled trees on C.E. Stewart Road about 7 miles WSW of Clover.
<b>York County Clover</b>	<b>27</b>	<b>1838EST</b>			<b>0</b>	<b>0</b>	<b>3 0</b>	<b>Thunderstorm Winds</b>
								Trees down, considerable minor damage to roofs, chimneys, etc. Heaviest damage immediately northeast of Clover.
<b>York County 7 NE Clover</b>	<b>27</b>	<b>1840EST</b>			<b>0</b>	<b>0</b>	<b>4 0</b>	<b>Thunderstorm Winds</b>
								Trees down, 2 barns destroyed, power lines down.

### SOUTH CAROLINA Cont'd

<b>York County 9 NE Clover</b>	<b>27</b>	<b>1843EST- 1844EST</b>	<b>0.5</b>	<b>30</b>	<b>0</b>	<b>1</b>	<b>5 0</b>	<b>Tornado (F1)</b>
								Tornado developed near North Carolina/South Carolina border and moved into North Carolina within a short distance from where Highway SC49 crosses North Carolina line at 1844 EST. One mobile home in the Lake Wylie Mobile Home Park along Stateline Road was completely destroyed with debris scattered in a cyclonic pattern. Several other mobile homes were heavily damaged, an outbuilding completely disappeared, many trees were downed and one person injured. The tornado apparently developed from the same storm that earlier had caused spotty damage across the County.
<b>Oconee County Long Creek</b>	<b>27</b>	<b>2255EST</b>			<b>0</b>	<b>0</b>	<b>? ?</b>	<b>Hail (1.00)</b>
								A fourth severe thunderstorm affected Oconee County primarily causing large hail.
<b>Greenville County Tigerville</b>	<b>28</b>	<b>0150EST</b>	<b>Short</b>	<b>30</b>	<b>0</b>	<b>0</b>	<b>3 0</b>	<b>Tornado (F0)</b>
								A brief tornado developed from a severe thunderstorm near the North Greenville College area. The storm removed the roof of a substantial garage, tossed a boat around, downed a large oak tree, and otherwise caused minor damage.
<b>Oconee County northern part</b>	<b>28</b>	<b>0000EST- 0600EST</b>			<b>0</b>	<b>0</b>	<b>? ?</b>	<b>Heavy Rain/Mudslides/ Flood</b>
<b>Greenville County north portion</b>	<b>28</b>	<b>0700EST- 2100EST</b>			<b>0</b>	<b>0</b>	<b>? ?</b>	<b>Flood</b>
								Four to six inches of rain fell during the storm causing mudslides along mountain roads, as well as flooding along some streams. The Saluda River in northern Greenville County was flooded with flooding continuing until late on the 28th.
								Note: The track of the tornado in Oconee County was determined by United States Forest Service aerial survey. The remaining tracks were determined by NWS ground survey and reports from county officials. Confidence is reasonably high on those tracks and times.
<b>Horry County Sunset Beach in North Myrtle Beach</b>	<b>31</b>	<b>1000EST</b>			<b>0</b>	<b>0</b>	<b>3 ?</b>	<b>Hail (0.75)</b>
								A brief hailstorm caused minor damage to vegetation, cars, and roofs.

### SOUTH DAKOTA

<b>SDZ035- Pierre SD</b>	<b>03</b>	<b>2000CST</b>			<b>0</b>	<b>0</b>	<b>4 0</b>	<b>High Winds</b>
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# Storm Data and Unusual Weather Phenomena

March 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Character of Storm
					Killed	Injured	Property	Crops

Strong winds caused the collapse of a store under construction in Pierre. A car was also damaged by the collapsing building.

**SDZ005>008-010-  
011-017>023-  
038-039-**

<b>03 1200CST- 31 2400CST</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>?</b>	<b>Snowmelt Flooding</b>
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The melting of a very high snowpack resulted in flooding along the James river as well as other flooding of lowlands and farmland. Widespread problems included damaged roads, washed out culverts, and flood damage to homes, especially basement flooding.

**SDZ014-032-  
Ziebach/Haakon  
County line**

<b>04 0600CST- 10 2400CST</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Snowmelt Flooding</b>
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Warm weather triggered snowmelt which forced the Cheyenne River far out of its banks. Several homes and some farmland were flooded. People were forced to evacuate themselves and their belongings.

## SOUTH DAKOTA Cont'd

**SDZ048-049-  
Lyman and  
Tripp Counties**

<b>04 1500CST- 04 2300CST</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>Ice Jam Flooding</b>
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Flooding from snowmelt on the White River was aggravated greatly by ice jams. About 10 farms were flooded. The greatest damage occurred on a ranch north of Hamill where 47 head of cattle perished, miles of fence were ripped out, many hay bales and an irrigation system were destroyed, and other equipment and some buildings were damaged. The water was estimated at over 6 feet high and was accompanied by large ice boulders.

**SDZ056-  
Flandreau**

<b>15 1100CST- 15 1700CST</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Ice Jam Flooding</b>
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An ice jam on the Big Sioux River caused flooding of parkland and forced a family to evacuate themselves and their belongings.

## TENNESSEE

**Robertson County  
Orlinda**

<b>07 1400CST</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>Thunderstorm Winds</b>
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A few trees were blown down.

**Humphreys County  
Waverly  
Wilson County  
Lebanon**

<b>07 1442CST</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>Hail (0.88)</b>
<b>09 1600CST- 1900CST</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Flash Flooding</b>

Several roads were closed due to flooding.

**Greene County  
Greeneville**

<b>18 1500CST</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>High Wind (G41)</b>
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The top layers of the library roof were blown off.

**Hamilton County  
Chattanooga**

<b>21 1400CST</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Lightning</b>
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A tree exploded from a lightning strike sending debris everywhere. A car roof was dented and a glass door was broken.

**Knox County  
Knoxville**

<b>21 1600CST</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>Thunderstorm Winds</b>
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Several trees were knocked down.

**Williamson County  
Franklin  
Shelby County**

<b>24 0535CST</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>Hail (0.75)</b>
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## Storm Data and Unusual Weather Phenomena

March 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage Property - Crops	Character of Storm
<b>Memphis</b>	<b>24</b>	<b>0725CST</b>			<b>0</b>	<b>0</b>	<b>1 0</b>	<b>Hail (0.75)</b>
								Several reports of dime-size hail were reported in the south part of Memphis.
<b>Warren County McMinnville</b>	<b>24</b>	<b>0730CST</b>			<b>0</b>	<b>0</b>	<b>3 0</b>	<b>Lightning</b>
								The bell tower of the county courthouse caught fire due to a lightning strike.
<b>Fayette County Piperton</b>	<b>24</b>	<b>0825CST</b>			<b>0</b>	<b>0</b>	<b>3 0</b>	<b>Thunderstorm Winds (G61)</b>
								Seventy mph winds reported by a ham radio operator.
<b>Fayette County Moscow</b>	<b>24</b>	<b>0855CST</b>			<b>0</b>	<b>0</b>	<b>1 0</b>	<b>Hail (0.75)</b>
<b>Hardeman County Toone</b>	<b>24</b>	<b>0930CST</b>			<b>0</b>	<b>0</b>	<b>1 0</b>	<b>Hail (0.75)</b>
<b>Hickman County Shipp's Bend</b>	<b>24</b>	<b>1200CST</b>			<b>0</b>	<b>0</b>	<b>4 0</b>	<b>Lightning</b>
<b>TENNESSEE Cont'd</b>								
								A barn was destroyed by a fire started by lightning.
<b>Giles County Campbellsville</b>	<b>27</b>	<b>0230CST</b>			<b>0</b>	<b>0</b>	<b>4 0</b>	<b>Thunderstorm Winds</b>
								One barn was destroyed and a second barn had its roof lifted off. A mobile home was damaged when a large tree fell on top of it.
<b>Wilson County Lebanon</b>	<b>27</b>	<b>0300CST- 0600CST</b>			<b>0</b>	<b>0</b>	<b>4 0</b>	<b>Flash Flooding</b>
								Heavy rains produced flooding along Town Creek. Several roads were closed by the flood waters.
<b>Blount County Maryville</b>	<b>27</b>	<b>1343CST</b>			<b>0</b>	<b>0</b>	<b>3 0</b>	<b>Lightning</b>
								A house was damaged by a fire started by lightning.
<b>Blount County Seymour</b>	<b>27</b>	<b>1400CST- 2300CST</b>			<b>1</b>	<b>0</b>	<b>7 0</b>	<b>Flash Flooding</b>
<b>Bradley County Charleston</b>	<b>27</b>	<b>1400CST- 2300CST</b>			<b>0</b>	<b>0</b>	<b>4 0</b>	<b>Flash Flooding</b>
<b>Coffee County Summitville</b>	<b>27</b>	<b>1400CST- 2300CST</b>			<b>0</b>	<b>0</b>	<b>4 0</b>	<b>Flash Flooding</b>
<b>Hamilton County Chattanooga</b>	<b>27</b>	<b>1400CST- 2300CST</b>			<b>0</b>	<b>0</b>	<b>7 0</b>	<b>Flash Flooding</b>
<b>Knox County Knoxville</b>	<b>27</b>	<b>1400CST- 2300CST</b>			<b>0</b>	<b>0</b>	<b>4 0</b>	<b>Flash Flooding</b>
<b>Loudon County Lenoir City</b>	<b>27</b>	<b>1400CST- 2300CST</b>			<b>0</b>	<b>0</b>	<b>4 0</b>	<b>Flash Flooding</b>
<b>Marion County Jasper</b>	<b>27</b>	<b>1400CST- 2300CST</b>			<b>0</b>	<b>0</b>	<b>4 0</b>	<b>Flash Flooding</b>
<b>Maury County Columbia</b>	<b>27</b>	<b>1400CST- 2300CST</b>			<b>0</b>	<b>0</b>	<b>4 0</b>	<b>Flash Flooding</b>
<b>McMinn County Etowah</b>	<b>27</b>	<b>1400CST- 2300CST</b>			<b>0</b>	<b>0</b>	<b>4 0</b>	<b>Flash Flooding</b>
<b>Polk County Linsdale</b>	<b>27</b>	<b>1400CST- 2300CST</b>			<b>0</b>	<b>0</b>	<b>6 0</b>	<b>Flash Flooding</b>
<b>Putnam County Cookeville</b>	<b>27</b>	<b>1400CST- 2300CST</b>			<b>0</b>	<b>0</b>	<b>4 0</b>	<b>Flash Flooding</b>
<b>Rhea County Ern. Rhea County</b>	<b>27</b>	<b>1400CST- 2300CST</b>			<b>0</b>	<b>0</b>	<b>4 0</b>	<b>Flash Flooding</b>
<b>Roane County Rockwood</b>	<b>27</b>	<b>1400CST- 2300CST</b>			<b>0</b>	<b>0</b>	<b>4 0</b>	<b>Flash Flooding</b>
<b>Rutherford County</b>	<b>27</b>	<b>1400CST-</b>						

## Storm Data and Unusual Weather Phenomena

March 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage Property - Crops	Character of Storm
Smyrna Sevier County Elkmont Gatlinburg Pigeon Forge Sevierville	27	2300CST- 1400CST			0	0	4 0	Flash Flooding
Van Buren County Spencer	27	1400CST- 2300CST			1	0	7 0	Flash Flooding
Carter County Elizabethton	27	1800CST- 0500CST			0	0	4 0	Flash Flooding
Cocke County Newport	27	1800CST- 0500CST			0	0	4 0	Flash Flooding
Grainger County Rutledge	27	1800CST- 0500CST			0	0	4 0	Flash Flooding
Greene County Greeneville	27	1800CST- 0500CST			0	0	4 0	Flash Flooding
Hamblen County	27	1800CST-						

### TENNESSEE Cont'd

Eastern Hamblen County	28	0500CST			0	0	4 0	Flash Flooding
Hancock County Sneedville	27	1800CST- 0500CST			0	0	4 0	Flash Flooding
Hawkins County Rogersville	27	1800CST- 0500CST			0	0	4 0	Flash Flooding
Jefferson County Strawberry Plains	27	1800CST- 0500CST			1	0	4 0	Flash Flooding
Johnson County Mountain City	27	1800CST- 0500CST			0	0	4 0	Flash Flooding
Monroe County Sweetwater	27	1800CST-			0	0	4 0	Flash Flooding
Sullivan County Bristol								
Kingsport Piney Flats	27	1800CST- 0500CST			0	0	4 0	Flash Flooding
Unicoi County Erwin	27	1800CST- 0500CST			0	0	4 0	Flash Flooding
Washington County Johnson City	27	1800CST- 0500CST			0	0	4 0	Flash Flooding
Marshall County Lewisburg	28	0800CST- 1300CST			0	0	4 0	Flash Flooding
Montgomery County Clarksville	29	1200CST-			0	0	4 0	Flash Flooding

Torrential rainfall occurred across the eastern third of the state. Some areas received over seven inches of rain on March 27. The result was widespread flash flooding across that part of Tennessee. Three people were killed due to flash flooding. An 19-year-old man was killed in Sevier County when he and three other hikers tried to cross Jake's Creek. The other three hikers were rescued. A woman was killed in the Blount County town of Seymour when the car she was a passenger in was washed off the road. A third person was killed in Jefferson County in his truck near Strawberry Plains. Blount, Sevier, Hamilton, and Polk Counties were the hardest hit by the flooding. In all, nearly 200 people were evacuated. Over 1,000 homes were affected by the floods. Numerous roads and bridges were damaged or destroyed. Several mudslides and rockslides occurred as well. (M180)(F50V)(M78V)

### TEXAS, Panhandle

TX001>011  
013>015  
019,020

08	0400CST- 2300CST				0	0	5 0	Heavy Snow
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An approaching strong upper level low pressure system combined with shallow cold air moving into the region from the north and northeast. Strong thunderstorms from the previous evening and during the early morning hours stratified and combined with overrunning to produce a major snow storm for

## Storm Data and Unusual Weather Phenomena

March 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

much of the Texas panhandle. The northern tier of Texas panhandle counties received 8 to 12 inches of snow with the remaining counties reporting from five to eight inches. Most of the damage was due to automobile accidents and damage to trees.

### TEXAS, Northern

Hardeman County Medicine Mound	07	2020CST			0	0	?	?	Hail (0.75)
Wilbarger County 6.5 NW Vernon	07	2051CST			0	0	?	?	Hail (0.88)
Hardeman County Quanah	07	2230CST			0	0	?	?	Hail (0.75)
Wilbarger County 3 N Vernon	07	2340CST			0	0	?	?	Hail (0.88)

Thunderstorms developed in the western portions of north Texas during the evening hours on the 7th and moved northeast. Hail up to nickel- size was reported with some of these storms.

### TEXAS, Northern Cont'd

Hardeman County S Chillicothe	08	0430CST			0	0	?	?	Hail (1.75)
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An isolated thunderstorm in the western part of north Texas during the early morning hours on the 8th produced golf ball-size hail.

Palo Pinto County 5 NW Mineral Wells	26	1355CST	Short	Narrow	0	0	0	0	Tornado (F0)
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A brief touchdown was reported by a tornado chase team.

1 E Mineral Wells	26	1430CST			0	0	0	0	Hail (0.75)
Parker County 5 E Mineral Wells	26	1431CST			0	0	0	0	Hail (0.88)

Bosque County Walnut Springs	26	1812CST			0	0	0	0	Hail (1.00)
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Hill County Covington	26	1845CST			0	0	0	0	Hail (0.75)
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Ellis County Avalon	26	1905CST			0	0	0	0	Hail (1.75)
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Navarro County Frost	26	1920CST			0	0	0	0	Hail (0.75)
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Navarro County 1 W Corsicana	26	1930CST			0	0	4	0	Thunderstorm Winds
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A mobile home was rolled off its supporting blocks by high winds during a thunderstorm.

Panola County Midyett	27	0940CST			0	0	3	0	Thunderstorm Winds
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Trees were blown down by thunderstorm winds.

Harrison County 5 SW Waskom	27	1005CST			0	0	3	0	Thunderstorm Winds
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Trees were blown down by thunderstorm winds.

### TEXAS, Southern

Blanco County 2 W Johnson City	06	1607CST			0	0	3	3	Hail (1.00)
Blanco	06	1640CST			0	0	3	3	Hail (1.00)
Kendall County Kendalia	06	1800CST			0	0	3	3	Hail (0.75)
Comal County Bulverde	06	1820CST			0	0	3	3	Hail (0.75)
Medina County Near Hondo	06	1945CST			0	0	3	3	Hail (0.75)

## Storm Data and Unusual Weather Phenomena

March 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

Thunderstorms formed along a cold front that was moving slowly southward through north-central Texas. One thunderstorm produced one- inch hail as it approached Johnson City. The storm s continue to produce hail as they moved southward through Kendall and Comal Counties. The last report of severe weather was three-quarter-inch diameter hail in Medina County at 1945 CST in the evening.

**Galveston County**      **09    0150CST-0210CST**                      **0      0      3      0      Thunderstorm Winds (G89)**

Bow echo moved across western portion of Galveston Island (Jamaica Beach) producing winds of 80 to 100 mph. These winds were recorded by three citizens who owned home base anemometers. The highest wind recorded was 102 mph. Damage was minimal since most homes in this region were on stilts in this region. Only damage was some breakaway walls on the ground floor wer e blown down.

### TEXAS, Southern Cont'd

**Jefferson County**  
**Beaumont**                      **09    0335CST-0415CST**                      **0      0      4      3      Thunderstorm Winds**

A severe thunderstorm struck Beaumont shortly after 0330 CST, producing damaging winds tha t uprooted trees in the northern part of the city.

**Hidalgo County**  
**Nr Weslaco**                      **09    0700CST**                      **0      0      4      3      Thunderstorm Winds**  
**Nr Weslaco**                      **09    0700CST**                      **0      0      3      3      Hail (1.00)**  
**Cameron County**  
**Harlingen**                      **09    0710CST**                      **0      0      4      3      Hail (1.75)**

A severe thunderstorm formed along the Rio Grande River as a cold front was moving through deep South Texas. The storm produced hail up to one-inch in diameter and very strong wind gusts near Weslaco. As the storm moved eastward, it continued to produce hail in eastern Hidalgo and western Cameron County. Hail up to golf ball-size fell in the west side of Harlingen. Marble-size hail was reported between Weslaco and Harlingen in the towns of La Feria and Los Fresnos.

**Webb County**  
**Laredo**                      **09    0925CST**                      **0      0      2      2      Hail (1.75)**  
**09    0925CST**                      **0      0      3      3      Thunderstorm Winds**

As the cold front moved southward through south-central Texas, thunderstorms began to form along the boundary. As the cold front reached the city of Laredo, one storm became severe. It produced golf ball-sized hail along with brief heavy rain and strong winds. Windspeeds were not known, but were sufficient to blow down several trees. Power was out to parts of the city through the afternoon.

**Frio County**  
**Pearsall**                      **24    2125CST**                      **0      0      4      4      Hail (1.75)**

A thunderstorm formed in the late evening just west of Dille y and moved northeastward near 35 mph. It produced golf ball-sized hail as it reached Pearsall near 2125 CST. Little damage was indicated.

**Bexar County**  
**San Antonio**                      **27    0050CST**                      **0      0      6      4      Hail (1.75)**  
**27    0056CST**                      **0      0      5      4      Thunderstorm Winds (G56)**  
**27    0105CST**                      **0.5      30      0      0      2      2      Tornado (F0)**  
**27    0110CST**                      **0      0      5      4      Thunderstorm Winds (G58)**

Hail first began falling in extreme northwestern Bexar County near 1230 CST, increasing to gol f ball-size by 2450 CST. At 2456 CST, winds gusted to 56 knots at the San Antonio International Airport. Shortly after 0100 CST, residents in north-central San Antonio reported hearing a "roaring train" sound near the airport. Power lines were downed in the area, trees were blown over and a sturdy metal sign was knocked down. Windows were blown out at Broadway and Intersate 410 . Shortly afterward, wind gusts to 58 knots were recorded at Randolph Air Force Base. Leaves were stripped from trees in north Bexar County. Considerable damage was reported to roofs of homes and to windows of cars and houses across the northern half of Bexar County. Some of the roof damage



## Storm Data and Unusual Weather Phenomena

March 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

was due to broken tree branches being blown over onto houses. Power was knocked to 30,000 homes and businesses for several hours.

<b>Comal County</b>									
<b>New Braunfels</b>	27	0105CST			0	0	6	4	<b>Thunderstorm Winds</b>
<b>Guadalupe County</b>									
<b>Schertz-Cibolo</b>	27	0105CST			0	1	6	4	<b>Hail (0.75)</b>
<b>Seguin</b>	27	0150CST			0	0	6	4	<b>Hail (1.75)</b>
<b>Seguin</b>	27	0150CST			0	0	6	4	<b>Thunderstorm Winds (G50)</b>

The thunderstorms moved eastward from Bexar County into Comal and Guadalupe Counties shortly after 0100 CST, producing damaging wind at New Braunfels and large hail at Schertz and Cibolo. They reached the city of Seguin just before 0200 CST. The Guadalupe County Sheriff reported 0.50- to 1-inch hail at Seguin near 0150 CST. Damaging winds occurred at the same time, uprooting several trees and knocking down numerous large tree limbs. This thunderstorm system

### TEXAS, Southern Cont'd

caused extensive property damage and cut off electric service to 11,000 homes. Eleven power lines that had been built to withstand over 100 mph winds were twisted and toppled by the storm. Damage was the most severe from the New Braunfels and Schertz area eastward to Staples. Twenty-one residences in Schertz, Cibolo, and Marion were damaged, with four mobile homes destroyed and four with major damage. Winds were estimated at 50 to 60 mph, with golf ball-size hail. One woman at a flea market on the Interstate 35 portion of Schertz was hit by flying debris and was taken to a hospital. Damage in the Schertz-Cibolo region was estimated at well over \$2 million. Barns and storage areas were blown over or damaged. Other damage was mainly to roofs and windows of houses and to windows of automobiles.

<b>Caldwell County</b>									
<b>Lockhart</b>	27	0210CST			0	0	5	4	<b>Thunderstorm Winds</b>

As the thunderstorm system exited Guadalupe County shortly after 0200 CST, it entered Caldwell County. The same type of wind damage continued, with telephone poles being pulled straight up out of the ground just west of Lockhart. A shed was blown over and nearly destroyed, tree limbs were knocked off trees, and highway billboards were blown down near Lockhart. Widespread window breakage was reported in Lockhart.

<b>Bexar County</b>									
<b>San Antonio</b>	27	0250CST			0	0	5	4	<b>Hail (1.00)</b>

As a second wave of thunderstorms moved into Bexar County from the west, hail up to one inch in diameter began to fall at the Rolling Oaks Mall in the northeast part of the county. Hail up to golf ball-size was also indicated at Universal City. Damage was reported to windows and to fences due to gusty winds.

<b>Frio County</b>									
<b>Pearsall</b>	27	0915CST			0	0	3	3	<b>Hail (1.75)</b>

A severe thunderstorm produced golf ball-size hail at Pearsall as it moved through Frio County late in the evening.

### TEXAS, Western

<b>Hale County</b>									
<b>Plainview</b>	07	2130CST			0	0	2	0	<b>Hail (1.25)</b>
<b>Plainview</b>	07	2130CST			0	0	0	0	<b>Thunderstorm Winds</b>

A reporter with the Plainview Daily Herald reported hail damage to one car and large tree limb down in Plainview at 2130 CST.

<b>TXZ029&gt;031-34&gt;37-40&gt;43</b>	26	1323CST-1510CST			0	0	0	0	<b>High Wind</b>
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High winds occurred across the South Plains as an upper level disturbance moved over the area. Sustained winds of 40 to 45 mph and/or gusts to 59 mph were recorded by the National Weather Service at Lubbock International Airport from 1323 CST until about 1510 CST. Southwestern Public Service Company reported an unofficial peak wind of 71 mph in Southwest Lubbock at 1330 CST. Visibilities were reduced areawide, with some places reporting visibilities as low as 0.25 mile in blowing dust. No significant damage was reported.

## Storm Data and Unusual Weather Phenomena

March 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

### UTAH

UTZ-003-010-	12	0400MST							
	12	1000MST			0	0	2	0	High Winds

Very strong winds blew down the Wasatch front canyons overnight. Peak wind gusts were 85 mph on top of Logan Peak and 71 mph at Centerville. Centerville also had sustained winds between 40 and 50 mph for part of the early morning. Wind damage in the Fruit Heights area was limited to blown down mail boxes and roof shingles dislodged from a few homes.

UTZ-010-	19	0000MST							
	19	2100MST			0	0	0	0	Heavy Snow

### UTAH Cont'd

Cache County Logan	19	0330MST			0	0	0	0	Lightning
UTZ-0030	19	0900MST			0	0	0	0	High Winds
Salt Lake County 10 SE Salt Lake City	19	0905MST							
	19	0909MST			0	0	0	0	Funnel Cloud
Salt Lake County 10 S Salt Lake City	19	0914MST							
	19	0916MST			0	0	0	0	Funnel Cloud

A vigorous cold front moved across northern Utah mid-morning on the 19th. In the early morning, lightning struck a house in Logan, destroying several appliances and causing foundation damage. The front crossed Salt Lake City around 2100 MST, coincident with a wind gust to 58 mph in West Valley City and the funnel cloud observations. Mountain snow totals included 15 inches at Alta and Brighton, and 14 inches at Park City.

UTZ-001-	22	0000MST							
	22	0400MST			0	0	3	0	High Winds
Salt Lake County 5 NE Salt Lake City	22	1300MST			0	0	0	0	Funnel Cloud
Salt Lake County 15 S Salt Lake City	22	1330MST			0	0	0	0	Funnel Cloud
UTZ003-004-006-	22	1300MST							
009-011-012-	22	1900MST			0	0	4	0	High Winds
UTZ-001-003-010	22	1500MST							
	23	0300MST			0	0	0	0	Heavy Snow

A strong cold front moved slowly across Utah from north to south. Storm winds during the early morning hours of the 22nd downed power lines in the Millville area. The front moved across Salt Lake City in the early afternoon, with the public reporting two funnel clouds. By mid-afternoon, powerful winds were affecting the southern half of the state. Summary of peak winds and damage; Milford - 75 mph - roof blown off hardware store; Cedar City - 71 mph - road signs along Interstate 15 downed; St. George - 66 mph - power poles downed; Maeser - 66 mph - house window blown out. In addition, a mobile home lost its roof near Enoch and a mobile home was overturned near Moab. Snow totals included 30 inches at Beaver Mountain, 21 inches at Alta, 16 inches at Snow Basin, and between 4 and 11 inches along the Wasatch front.

### VERMONT

VTZALL	02	1800EST-							
	04	0500EST			0	0	5	0	Heavy Snow

## Storm Data and Unusual Weather Phenomena

March 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage Property - Crops	Character of Storm
					Killed	Injured		

A low pressure system moved northeast along the Atlantic Coast on the 2nd and 3rd of March dumping heavy snow across much of the state. Snowfall amounts across the state ranged from 8 to 22 inches with snowfall rates as high as three to four inches per hour during the storm. At Burlington it was the 7th largest snowfall ever. Some of the larger snowfall totals included 22 inches at Derby and East Charleston, 21 inches at Newport, Essex, and Waitsfield, 19 inches at Greensboro and Huntington, and 18 inches at Burlington, Sutton, Morrisville, Chelsea, and Marshfield.

<b>VTZALL</b>	<b>09 1100EST- 10 1200EST</b>	<b>0   0   5   0</b>	<b>Heavy Mix</b>
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A low pressure system moved northeast from the Gulf Coast States on the morning of the 9th of March to the Southern Tier of New York on the morning of the 10th of March dumping heavy snow, sleet, and freezing rain across parts of Vermont. Snowfall amounts were two to five inches

### VERMONT Cont'd

with significant accumulations of sleet and freezing rain.

<b>VTZ003-006&gt;010</b>	<b>13 0200EST- 1400EST</b>	<b>0   0   4   0</b>	<b>Heavy Snow</b>
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A low pressure system moved along the Saint Lawrence Valley on the 13th of March resulting in heavy snow across the higher elevations of north-central Vermont. Snowfall amounts generally ranged from five to seven inches with seven inches reported at Albany, Morrisville, and Walden and six inches reported at South Lincoln, Brookfield, and Greensboro.

<b>VTZ009-011-013</b>	<b>16 1800EST- 17 0700EST</b>	<b>0   0   4   0</b>	<b>Heavy Snow</b>
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A trough of low pressure moved through Vermont late on the 16th and early on the 17th of March resulting in heavy snow on the western slopes of the Green Mountains. Snowfall amounts ranged from six to eight inches with eight inches reported at Woodford, seven inches at Huntington, and six inches at Danby and South Lincoln. Numerous traffic accidents were also reported as rapid freezing of the roadways created slippery conditions.

<b>VTZ003-004-007-008- 011&gt;014</b>	<b>21 2030EST- 22 1500EST</b>	<b>0   0   5   0</b>	<b>Heavy Snow</b>
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A low pressure system moved from the Ohio Valley on the morning of the 21st of March to the southern New England Coast on the morning of the 22nd of March resulting in heavy snow across southern and eastern sections of Vermont. Snowfall amounts ranged from 5 to 11 inches with 11 inches reported at Wardsboro, 10.6 inches at Sutton, 10 inches at Wilmington and Granville, and nine inches at West Dover. The heavy wet snow resulted in downed trees and power lines in some areas. Numerous traffic accidents were also reported with the storm and Route 9 was closed between Brattleboro and Bennington late on the 21st.

<b>VTZ003-004-007</b>	<b>27 0800EST- 2000EST</b>	<b>0   0   4   0</b>	<b>Heavy Snow</b>
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A low pressure system moved from the Ohio Valley into the Saint Lawrence River Valley dumping heavy snow across the higher elevations of Vermont. Snowfall amounts in Caledonia, Essex, and Orleans Counties ranged from five to eight inches with eight inches reported at Island Pond, seven inches at Sutton, 6.5 inches at Canaan, and six inches at Greensboro and West Burke.

### WASHINGTON

<b>Whitman County</b>	<b>19 1830PST</b>	<b>2   1   ?   0</b>	<b>Ice</b>
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Two women were killed and another injured after a car accident four miles north of Colfax due to icy road conditions. (F21V)(F19V)

<b>Gray's Harbor County Pacific County</b>	<b>20 0000PST- 0600PST</b>	<b>0   0   ?   0</b>	<b>High Winds</b>
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Winds gusted to 75 mph at Ocean Shores, 62 mph at Hoquiam and 61 mph at Long Beach. For a short time 15,000 people were without power. Snow fell in the Spokane area.

## Storm Data and Unusual Weather Phenomena

March 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

**Whatcom County**      **21**    **0000PST-  
2400PST**

**0      0      0      0**

**Heavy Snow**

Twenty-two inches of snow fell at the Mount Baker Ski area over the past twenty-four hours.

**King County**      **21**    **0000PST-  
0100PST**

**0      0      ?      0**

**High Winds**

Winds gusted to 63 mph at the Evergreen Point Bridge with gusts up to 61 mph reported in the Denny Regrade area of Seattle causing numerous power outages and minor damage.

### WASHINGTON Cont'd

**Whatcom County**      **21**    **0000PST-  
0200PST**

**0      0      ?      0**

**High Winds**

Winds gusted to 58 mph at the Bellingham International Airport.

**Franklin County**      **21**    **1310PST**

**0      3      ?      0**

**Dust Storm**

High winds and blowing dust were to blame for a three vehicle accident which injured three people.

**Benton County**      **24**    **0100PST-  
0700PST**

**0      0      0      ?**

**Cold**

Unseasonably cold low temperatures damaged or killed buds on some of the areas fruit tree orchards.

### WEST VIRGINIA

**WVZ010-011-012**      **02**    **1600EST-**  
**019-020-021-022**      **03**    **1000EST**

**0      0      3      0**

**Heavy Snow**

**023-028-029-030**  
**031-032-036-037**  
**038-039-040-041**  
**045-046-047**

A northeaster caused snow depths to increase a foot over the higher terrain of the northern mountains. In the upper Greenbrier Valley, Bartow's snow depth went from 2 to 16 inches. Five to 11 inches of snow fell over the northern lowlands, including 11 inches at Morgantown, 10 inches at both Fairmont and Mannington, nine inches at Clarksburg, and eight inches at Middlebourne.

**Preston County**      **08**    **0230EST-  
0900EST**

**0      0      3      0**

**Flood/Flash Flood**

**Monongalia County**      **08**    **0700EST-  
0900EST**

**0      0      3      0**

**Flood/Flash Flood**

Rainfall of 0.5 to 1 inch combined with melting snow, to cause small stream flooding and mudslides. Dunkards Creek caused the most problems in Monongalia County. Damage to dwellings was not reported. Several roads were blocked.

**WVZ008-009-010**      **09**    **0300EST-  
010-011-012-016**      **0900EST**

**0      0      0      0**

**Heavy Snow**

**017-018-019-020**  
**021-022-023-029**  
**030-031-032-039**  
**040-041**

Four to six inches of snow fell before changing to rain. Philippi observed six inches of snow, for the greatest amount reported.

This storm brought the seasonal snowfall total at Parkersburg to 56 inches, at Morgantown to 70 inches, and at Clarksburg to 71 inches. The winter of 93-94 was the snowiest on record for these three communities. Elsewhere, Middlebourne's seasonal snowfall total was 73 inches after this storm, while Fairmont was 72 inches.

**Cabell County**      **09**    **1400EST-  
2300EST**

**0      0      3      0**

**Flood/Flash Flood**

**Wayne County**      **09**    **2000EST-  
2330EST**

**0      0      0      0**

**Flood/Flash Flood**

**Doddridge**

## Storm Data and Unusual Weather Phenomena

March 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

County	09	2200EST-							
Gilmer County	10	0300EST			0	0	0	0	Flood/Flash Flood
Harrison County	09	2300EST-							
Marion County	10	0600EST			0	0	3	0	Flood/Flash Flood
Monongalia County									
Tyler County	10	0300EST- 0800EST			0	0	3	0	Flood/Flash Flood

As much as 1.75 inches of rain fell in 24 hours over the western lowlands. The Mud River overflowed in and around Milton. Many streams flooded roads, including Arnolds Creek in

### WEST VIRGINIA Cont'd

Doddridge County and Middle Island Creek in Tyler County.

WVZ005-006-007	18	1300EST- 1830EST			0	0	4	0	High Wind
008-009-010-011									
012-013-014-015									
016-017-018-019									
020-021-022-023									
026-027-028-030									
031-032-036-037									
038-039-040-041									
045-046-047									

Wind gusts of 40 to 60 mph swept across the western lowlands during the afternoon, reaching the mountains and Greenbrier Valley after 1500 EST. The strongest measured gust was 60 mph at 1645 EST from the Greenbrier County Airport near Lewisburg. Both Parkersburg and Charleston had a gust to 56 mph. A few trees were fallen, including a 200-year-old tree in the Old Stone Cemetery at Lewisburg. Isolated power outages occurred.

Lincoln County	27	2100EST-							
	28	0100EST			0	0	0	0	Flood/Flash Flood
Braxton County	27	2130EST-							
Calhoun County	28	0300EST			0	0	0	0	Flood/Flash Flood

Twenty-four rains in excess of two inches caused streams to flood and block secondary roads.

WVZ047	29				0	0	0	0	Snowfall Record
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A new seasonal snowfall record for Elkins was reached on this date. Over 124 inches of snow has measured in that Tygart Valley community since autumn.

WVZ005-006-007	01-								Excessive
008-009-010-011	31								Precipitation
012-013-014-015									
016-017-018-019									
020-021-022-023									
024-025-026-027									
028-029-030-031									
032-033-034-035									
036-037-038-039									
040-041-042-043									
044-045-046-047									

Another wet month had many areas receiving six to seven inches. Preliminary data indicate over nine inches of total precipitation was measured at Snowshoe, Pickens, Clendenin, and Dunlow. The 8.6 inches of precipitation at Huntington was the wettest March since records began in that Ohio River city. Numerous rock and landslides resulted from the saturated ground.

### WISCONSIN

WIZ068									
Green County	01	0000CST-							
Martintown		2200CST			0	0	0	0	Flooding
WIZ072									
Racine County	01	0000CST-							
New Munster	14	0900CST			0	0	0	0	Flooding
WIZ068									
Green County	06	0900CST-							
Martintown	11	0900CST			0	0	0	0	Flooding
WIZ071									

## Storm Data and Unusual Weather Phenomena

March 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<b>Racine County</b>	<b>06</b>	<b>0900CST-</b>							
<b>Raymond</b>	<b>08</b>	<b>0900CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Flooding</b>
<b>WIZ068</b>									
<b>Green County</b>	<b>07</b>	<b>0900CST-</b>							
<b>Brodhead</b>	<b>09</b>	<b>0900CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Flooding</b>
<b>WIZ032</b>									
<b>Buffalo County</b>	<b>07</b>	<b>0900CST-</b>							
<b>Dodge</b>	<b>07</b>	<b>2000CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Flooding</b>
<b>WISCONSIN Cont'd</b>									
<b>WIZ047</b>									
<b>Green Lake</b>									
<b>County</b>	<b>07</b>	<b>0900CST-</b>							
<b>Berlin</b>	<b>20</b>	<b>0900CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Flooding</b>
<b>WIZ072</b>									
<b>Kenosha County</b>	<b>08</b>	<b>0900CST-</b>							
<b>Wilmet</b>	<b>09</b>	<b>0900CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Flooding</b>
<b>WIZ047</b>									
<b>Green Lake County</b>	<b>27</b>	<b>0900CST-</b>							
<b>Berlin</b>	<b>29</b>	<b>0900CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Flooding</b>
Minor flooding from February precipitation and snowmelt continued into March on several rivers in southeast, south-central and central Wisconsin. The flooding was confined to agricultural land.									
<b>WIZ001&gt;003</b>									
<b>Far Northwest</b>	<b>23</b>	<b>1200CST-</b>							
<b>Wisconsin</b>	<b>24</b>	<b>1100CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>0</b>	<b>Heavy Snow</b>
<b>Jefferson County,</b>									
<b>Helenville</b>	<b>23</b>	<b>2146CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (1.75)</b>
<b>Waukesha County,</b>									
<b>Oconomowoc</b>	<b>23</b>	<b>2201CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (1.00)</b>
A storm system brought a variety of weather to far northwest and southeast Wisconsin. In the far north, 6 to 12 inches of snow fell causing accidents, closing schools, and halting city and county government operations. Snow totals included 12 inches at Ashland, Ashland County, 11 inches at Washburn, Bayfield County, and 9.5 inches at Port Wing, Bayfield County. In southeast Wisconsin, isolated severe thunderstorms dropped hail up to the size of golfballs over Jefferson and Waukesha Counties.									
<b>WIZ072</b>									
<b>Kenosha County</b>	<b>28</b>	<b>1315CST-</b>							
<b>0.5 E Kenosha</b>		<b>1400CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Waterspouts</b>
Several waterspouts were reported over Lake Michigan just east of Kenosha.									

# Storm Data and Unusual Weather Phenomena

March 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Character of Storm
					Killed	Injured	Property	Crops

## LATE REPORTS

### JANUARY 1994

#### ALASKA, Southern

Southcentral	06-08				0	0	3	0	High wind
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Strong north to northeast winds caused isolated minor damage across portions of southcentral Alaska. Wasilla Airport recorded a peak wind gust of 51 kts while Valdez had 46 kts in town and 57 kts at the airport.

Kenai	17	1530AST			0	0	3	0	High wind
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Northeast wind gusts to 35 kts blew trees onto power lines knocking out electricity and phone service to most of the city for over an hour. About 1375 consumers lost power until 1640ADT.

Cold Bay	23				0	0	2	0	High wind
----------	----	--	--	--	---	---	---	---	-----------

A strong cold front crossing the eastern Aleutians brought southeast winds to 48 kts at Cold Bay.

Alaska Peninsula  
Yukon/Kuskokwim  
Delta, Bristol  
Bay

	31				0	0	3	0	High wind
--	----	--	--	--	---	---	---	---	-----------

During the early morning hours monday wind gusts peaked at (59) kts at Port Heiden and 50 kts at Cape Newenham. Cold Bay had a peak wind of 52 kts.

### FEBRUARY 1994

#### KENTUCKY

Northern Kentucky	01-28	0000EST-2400EST			0	0	4	3	River Flood
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The Ohio River from Evansville Indiana to the Mississippi remained at or above flood throughout the month.

Boone County Kenton County Campbell County	08-09	0400EST-0400EST			0	85	5	0	Ice Storm
--	-------	-----------------	--	--	---	----	---	---	-----------

Heavy freezing rain fell across extreme northern Kentucky for about 24 hours. Ice accumulations totaling up to a half inch caused sporadic power interruptions. Tree limbs were downed in several Cincinnati suburbs due to the weight of the ice, or by cloud to ground lightning strikes which occurred during the evening of the 8th. Hospitals were inundated with minor injuries due to falls on the ice. Hundreds of accidents snarled traffic on major highways.

Jackson County	09	0005EST			0	0	3	0	Thunderstorm Wind
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KENTUCKY FEBRUARY 1994 Cont'd

## Storm Data and Unusual Weather Phenomena

March 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Character of Storm
					Killed	Injured	Property	Crops
Several trees and power lines were blown down in McKee and across the county.								
<b>Harlan County</b>	<b>09</b>	<b>0325EST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>
								<b>Flash Flood</b>
The combination of heavy rain and melting snow forced many streams and creeks out of their banks. In Cawood a car was flooded and had to be abandoned.								
<b>Bell County</b>	<b>09</b>	<b>0855EST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>
								<b>Flash Flood</b>
Several creeks and streams were reported out of their banks.								
<b>Magoffin County</b>	<b>09</b>	<b>0856EST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>
								<b>Flash Flood</b>
Several roads between Salyersville and Falcon were impassable because of high water over roads.								
<b>Bell County</b>	<b>10</b>	<b>1200EST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>
<b>Harlan County</b>	<b>16</b>	<b>1800EST</b>						<b>Flood</b>
The Cumberland River rose out of its banks. At Baxter the river crested at 22.8 feet which is 6.8 feet above the flood stage. At Barbourville the river crested at 37.3 feet which is 10 feet above the flood stage. At Williamsburg the river crested at 32 feet which is 11 feet above the flood stage.								
<b>1&gt;6-8-9-11&gt; 13-16-17-20&gt; 22-26&gt;28-36- 37-39&gt;88-99&gt; 120</b>	<b>10</b>	<b>1600EST</b>			<b>0</b>	<b>150</b>	<b>8</b>	<b>0</b>
	<b>11</b>	<b>1500EST</b>						<b>Ice Storm</b>
Freezing rain, heavy at times, buried most of the state in up to 3 inches of ice. The ice accumulated at nearly 1/2 inch an hour in many locations. The storm appeared to hit south central and southeast Kentucky the hardest. Laurel County roads, coated with over three inches of ice and blocked by fallen trees, were nearly impassable. Across the state at least 190,000 customers were left without electricity. Power outages were reported in at least 53 counties and 22 counties declared emergencies, as power substations froze and lines snapped as trees fell on them. There were numerous minor injuries as people fell on the ice. Many secondary roads across the state were closed for several days as trees and power lines were removed, and in some of the hardest hit counties the power was not restored for over a week.								
<b>Harlan County</b>	<b>11</b>	<b>0130EST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>
								<b>Flash Flood</b>
Rain falling on already saturated ground and combined with melting ice and snow forced streams and creeks out of their banks across the county. High water blocked roads at Everts, Harlan, and other locations.								
<b>Bell County</b>	<b>11</b>	<b>0238EST 1000EST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>
								<b>Flash Flood</b>
Heavy rain and melting snow forced many creeks and streams out of their banks. Some of the worst flooding occurred in the Yellow Creek in Middlesboro. Many streets were flooded and several people were evacuated.								
<b>Letcher County</b>	<b>11</b>	<b>0935EST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>
								<b>Flash Flood</b>
The FlemingNeon Fire Chief reported water 2 feet over roads in the area.								
<b>Hart County</b>	<b>12</b>	<b>1200EST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>
<b>Edmonson County</b>	<b>26</b>	<b>1800EST</b>						<b>Flood</b>
The Green River rose out of its banks early in the month and basically remained at or above flood until the 26th. Most locations were 2 to 3 feet above flood.								

**KENTUCKY FEBRUARY 1994 Cont'd**



## Storm Data and Unusual Weather Phenomena

March 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<b>Cumberland County Russell County</b>	<b>23</b>	<b>0130EST 0215EST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Flash Flood</b>
Heavy rain falling on melting snow and ice forced many creeks and streams out of their banks around the area. Several roads were closed from high water.									
<b>Breathitt County</b>	<b>23</b>	<b>0325EST 0513EST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Flash Flood</b>
Heavy rain and melting snow and ice forced the Cane Creek out of its banks near Jackson. Several roads were covered with water and several homes were evacuated.									
<b>Magoffin County</b>	<b>23</b>	<b>0325EST 0453EST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Flash Flood</b>
Several people were evacuated as water rose into streets in the Salyersville area.									
<b>Bell County</b>	<b>23</b>	<b>0712EST 0730EST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Flash Flood</b>
Several roads in the Middlesbore area were under water from flooded creeks and streams.									
<b>Floyd County</b>	<b>23</b>	<b>0848EST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Flash Flood</b>
Abbott Creek was reported out of its banks and several roads were flooded.									
<b>Knott County</b>	<b>23</b>	<b>0850EST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Flash Flood</b>
High water was reported over the roads in Hindman.									
<b>Knox County</b>	<b>23</b>	<b>0847EST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Flash Flood</b>
Heavy rain falling on already saturated ground forced many creeks and streams out of their bank s across the county.									

### TEXAS, Panhandle

None reported.

### ALASKA, Southern

<b>Mcgrath</b>	<b>02</b>				<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Record High Temperature</b>
Forty-two degrees broke the old daily record high of 37 set in 1981 and was 100 degrees warmer than one year ago.									
<b>Cold Bay St. Paul</b>	<b>04</b>				<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>High wind</b>
A strong low pressure and frontal system brought peak winds of 49 knots to Cold Bay and 45 knots to St. Paul.									
<b>Southcentral</b>	<b>11-12</b>				<b>0</b>	<b>1</b>	<b>4</b>	<b>0</b>	<b>High wind</b>
The passenger in a commercial moving van was injured when 50 kt plus winds in the Susitna Valley blew the van into a ditch at mile 36 of the Parks Highway during the afternoon. From 0900 am on the 12th to midnight peak winds never dropped below 40 knots. At the Palmer Airport three planes were damaged by the wind as the ropes that bound them were sawed in half by the ice surrounding them. The owner estimated damage of about \$1,500 to a Cessna 172, about \$14,000 in damage to a PA16, and about \$2,000 in damage to a truck one of the planes fell on. The 3rd									

### ALASKA, Southern FEBRUARY 1994 Cont'd

plane was said to have suffered major damage. Valdez Airport recorded a peak wind gust of 73 knots

## Storm Data and Unusual Weather Phenomena

March 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed    Injured	Estimated Damage Property    Crops	Character of Storm
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with wind chills of 30 degrees below zero. Wind gusts in town reached 67 knots. Thompson Pass had wind gusts to 71 knots with a wind chill of 50 below zero. The high winds broke up the hexagon fish pen at the Solomon Gulch hatchery.

<b>Southcentral</b>	<b>18-20</b>				<b>0    0    4    0</b>	<b>High wind</b>
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Northeast winds gusted to 53 knots at Anchorage International Airport on the 20th as wind chill temperatures dropped to 40 or more degrees below zero. Minor roof damage was reported across west Anchorage and at the airport. Some light aircraft received light damage on Lake Hood. Wind gusts to 62 knots at Valdez damaged some mobil homes near the airport late on the 18th.

### ADDITIONS

#### FEBRUARY 1994

#### WEST VIRGINIA

<b>WVZ001&gt;004 Hancock Brooke Ohio Marshall</b>	<b>08    1200EST- 09    1200EST</b>			<b>0    24    5    0</b>	<b>Ice</b>
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A southerly flow of Gulf moisture moved north overtop arctic air across the Ohio Valley. Freezing rain fell throughout the northern panhandle coating the area with up to 3/4 of an inch of ice. About 2,100 Wheeling Power customers lost power. Wierston Medical Center treated several dozen ice-related injuries from people falling on the ice. Many trees were downed, and numerous vehicle accidents were reported on area highways.

<b>WVZ001&gt;004 Hancock, Brooke Ohio, Marshall</b>	<b>26    0040EST</b>			<b>0    0    0    0</b>	<b>High Wind</b>
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A fast moving storm system moved east across the Ohio Valley producing wind gusts in excess of 50 miles an hour. Trees were downed at Wheeling.

## Storm Data and Unusual Weather Phenomena

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

March 1994